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File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
         (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200401
         (c) 2004   Thomson Derwent
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Nov
         (c)2003 Info.Sources Inc
File  35:Dissertation Abs Online 1861-2003/Nov
         (c) 2003 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File  65:Inside Conferences 1993-2004/Dec W4
         (c) 2004 BLDSC all rts. reserv.
File   2:INSPEC 1969-2003/Dec W2
         (c) 2003 Institution of Electrical Engineers
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
         (c) 2003 EBSCO Pub.
File 474:New York Times Abs 1969-2003/Dec 31
         (c) 2003 The New York Times
File 475:Wall Street Journal Abs 1973-2003/Dec 31
         (c) 2003 The New York Times
File  99:Wilson Appl. Sci & Tech Abs 1983-2003/Nov
         (c) 2003 The HW Wilson Co.
File  95:TEME-Technology & Management 1989-2003/Dec W2
         (c) 2003 FIZ TECHNIK
File  15:ABI/Inform(R) 1971-2004/Jan 01
         (c) 2004 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2003/Dec 29
         (c) 2003 Resp. DB Svcs.
File 610:Business Wire 1999-2004/Jan 02
         (c) 2004 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 275:Gale Group Computer DB(TM) 1983-2003/Dec 31
         (c) 2003 The Gale Group
File 476:Financial Times Fulltext 1982-2004/Jan 02
         (c) 2004 Financial Times Ltd
File 624:McGraw-Hill Publications 1985-2004/Jan 01
         (c) 2004 McGraw-Hill Co. Inc
File 636:Gale Group Newsletter DB(TM) 1987-2003/Dec 31
         (c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Dec 26
         (c) 2003 The Gale Group
File 613:PR Newswire 1999-2004/Jan 02
         (c) 2004 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File  16:Gale Group PROMT(R) 1990-2003/Dec 31
         (c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 634:San Jose Mercury  Jun 1985-2003/Dec 31
         (c) 2004 San Jose Mercury News
File 148:Gale Group Trade & Industry DB 1976-2003/Dec 26
         (c)2003 The Gale Group
File  20:Dialog Global Reporter 1997-2004/Jan 02
         (c) 2004 The Dialog Corp.
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| Set | Items | Description |
|-----|-------|-------------|
| S1 | 1 | AU='MARRY R/D' |
| S2 | 31 | AU='GOTTLIEB R' OR AU='GOTTLIEB R K' |
| S3 | 35 | AU='GOTTLIEB, R' OR AU='GOTTLIEB, R.' OR AU='GOTTLIEB, R.K-.' OR AU='GOTTLIEB, RK' OR AU='GOTTLIEB, ROBERT' |
| S4 | 43 | AU='DANIELS E' OR AU='DANIELS E P' |
| S5 | 16 | AU='DANIELS, E' OR AU='DANIELS, E.' |
| S6 | 119 | S1 OR S2 OR S3 OR S4 OR S5 |
| S7 | 30 | S6 AND (MAIL OR MAILPIECE? ? OR SORTING) |

2/11/04

Derwent

DIALOG(R)File 350:Derwent WPIX
(c) 2004   Thomson Derwent. All rts. reserv.

015682080     **Image available**
WPI Acc No: 2003-744269/200370
Related WPI Acc No: 2003-607024; 2003-720339; 2003-720353
XRPX Acc No: N03-596053
   Mail **piece** sorting **system, has control system determining whether**
 Mail **piece is containing suspected harmful material or trusted** Mail
 **piece and scanner reading** Mail **piece is positioned downstream from**
 **transporter**
Patent Assignee: CULLEN M (CULL-I); GOTTLIEB R K (GOTT-I); MALLOZZI J D
   (MALL-I); VITALE A A (VITA-I); WILLIAM R E (WILL-I)
Inventor: CULLEN M; **GOTTLIEB R K** ; MALLOZZI J D; VITALE A A; WILLIAM R E
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 20030125835 | A1 | 20030703 | US 200135541 | A | 20011231 | 200370 | B |

Priority Applications (No Type Date): US 200135541 A 20011231
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| US 20030125835 | A1 | | 23 | G06F-007/00 | |

Abstract (Basic): US 20030125835 A1
     NOVELTY - The system has a feeder (10) for feeding a **Mail** piece
   along a feed path of the system and a singulator (12). A scanner (14)
   reading the **Mail** piece is positioned downstream from a transporter
   (16). A control system (100) controls the system for **sorting** **Mail**
   pieces and determining whether the **Mail** piece is suspected of
   containing harmful material or is a trusted **Mail** piece.
     DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a
   method of **sorting** and determining suspected **Mail** piece in a **mail**
   processing system.
     USE - Used for predicting the presence of life harming materials in
   **Mail** pieces.
     ADVANTAGE - The system provides automated **mail** **sorting** which
   integrates prediction of suspect status of the **Mail** piece, thereby
   helping to deter delays in incoming **mail** delivery and protects the
   intended recipients from harm.
     DESCRIPTION OF DRAWING(S) - The drawing shows a system for
   sanitizing and **sorting** **mail** .
     Feeder (10)
     Singulator (12)
     Scanner (14)
     Transporter (16)
     Control system. (100)
     pp; 23 DwgNo 5a/9
Title Terms: **MAIL** ; PIECE; SORT; SYSTEM; CONTROL; SYSTEM; DETERMINE; **MAIL**
 ; PIECE; CONTAIN; SUSPECT; HARM; MATERIAL; **MAIL** ; PIECE; SCAN; READ;
 **MAIL** ; PIECE; POSITION; DOWNSTREAM; TRANSPORT
Derwent Class: T05
International Patent Class (Main): G06F-007/00
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2004   Thomson Derwent. All rts. reserv.

015658168     **Image available**
WPI Acc No: 2003-720353/200368
Related WPI Acc No: 2003-607024; 2003-720339
XRAM Acc No: C03-198181
XRPX Acc No: N03-575843
   Mail **pieces sanitizing system comprises sanitizer module downstream of**

**singulator for sanitizing** mail **piece**
Patent Assignee: GOTTLIEB R K (GOTT-I); MALLOZZI J D (MALL-I); RYAN W E
  (RYAN-I); PITNEY BOWES INC (PITB )
Inventor: **GOTTLIEB R K** ; MALLOZZI J D; RYAN W E; CULLEN M; VITALE A A
Number of Countries: 097  Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| US 20030124039 | A1 | 20030703 | US 200136991 | A | 20011231 | 200368 | B |
| WO 200360849 | A1 | 20030724 | WO 2002US41202 | A | 20021220 | 200368 | |

Priority Applications (No Type Date): US 200136991 A 20011231; US 200135541
  A 20011231; US 200135546 A 20011231; US 200136982 A 20011231
Patent Details:

| Patent No | Kind Lan Pg | Main IPC | Filing Notes |
|---|---|---|---|
| US 20030124039 | A1 | 23 A61L-002/00 | |
| WO 200360849 | A1 E | G08B-021/00 | |

  Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
  CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
  IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
  PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
  GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM
  ZW

Abstract (Basic): US 20030124039 A1
    NOVELTY - A **mail** sanitizing system comprises a singulator for
  singulating and feeding a **mail** piece along a feed path of the system;
  a sanitizer module downstream of the singulator for sanitizing the
  **mail** piece; and an output bin module for receiving the sanitized **mail**
  piece.
    USE - Used for sanitizing **mail** pieces.
    ADVANTAGE - The system provides for sanitation of **mail** pieces to
  help deter delays in incoming **mail** delivery caused by the life
  harming material and sanitize the **mail** to protect the intended
  recipients from harm.
    DESCRIPTION OF DRAWING(S) - The figure illustrates the sanitizing
  and **sorting** mail system.
    pp; 23 DwgNo 5a/9
Title Terms: **MAIL** ; PIECE; SANITISING; SYSTEM; COMPRISE; SANITISING;
  MODULE; DOWNSTREAM; SINGLE; SANITISING; **MAIL** ; PIECE
Derwent Class: K02; P34; P35; T05
International Patent Class (Main): A61L-002/00; G08B-021/00
International Patent Class (Additional): A61L-009/00; A62B-007/08;
  B01J-019/08
File Segment: CPI; EPI; EngPI


 7/5/3    (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

015658154    **Image available**
WPI Acc No: 2003-720339/200368
Related WPI Acc No: 2003-607024; 2003-720353
XRAM Acc No: C03-241196
XRPX Acc No: N03-682507
  Mail **piece** sorting **and sanitizing system comprises component for**
  **singulating and feeding** mail **piece along feed path of system, sanitizer**
  **module for sanitizing** mail **piece, system to read** mail **piece, and bin**
  **module**
Patent Assignee: GOTTLIEB R K (GOTT-I); MALLOZZI J D (MALL-I); RYAN W E
  (RYAN-I)
Inventor: **GOTTLIEB R K** ; MALLOZZI J D; RYAN W E
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---|---|---|---|---|---|---|

US 20030122086 A1 20030703 US 200135546 A 20011231 200368 B

Priority Applications (No Type Date): US 200135546 A 20011231
Patent Details:
Patent No  Kind Lan Pg   Main IPC      Filing Notes
US 20030122086 A1.    23 B01J-019/08

Abstract (Basic): US 20030122086 A1
      NOVELTY - A **mail** piece **sorting** and sanitizing system has a
   component for singulating and feeding a **mail** piece along a feed path
   of the system, a sanitizer module downstream of the singulating and
   feeding component for sanitizing the **mail** piece, a system to read the
   **mail** piece and determine a destination bin, and a bin module.
      DETAILED DESCRIPTION - The **mail** piece **sorting** and sanitizing
   system has a component for singulating and feeding a **mail** piece along
   a feed path of the system, a sanitizer module downstream of the
   singulating and feeding component for sanitizing the **mail** piece, a
   system to read the **mail** piece and determine a destination bin, and a
   bin module comprising at least two destination bins to receive a **mail**
   piece after a destination bin has been determined by the reading
   system.
      USE - The system is used for **sorting** and sanitizing **mail**
   pieces, particularly for sanitizing harmful materials in a **mail**
   piece.
      ADVANTAGE - The system integrates sanitization with **Mail** piece
   processing to help deter delays in incoming **mail** · delivery caused by
   the presence of life harming material and sanitize the **mail** to
   protect the intended recipients from harm.
      DESCRIPTION OF DRAWING(S) - The figure illustrates the system for
   sanitizing and **sorting** **mail** .
      pp; 23 DwgNo 5a/9
Title Terms:  **MAIL** ; PIECE; SORT; SANITISING; SYSTEM; COMPRISE; COMPONENT;
   SINGLE; FEED; **MAIL** ; PIECE; FEED; PATH; SYSTEM; SANITISING; MODULE;
   SANITISING; **MAIL** ; PIECE; SYSTEM; READ; **MAIL** ; PIECE; BIN; MODULE
Derwent Class: D22; K02; T04; T05
International Patent Class (Main): B01J-019/08
File Segment: CPI; EPI


 7/5/4      (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.


015597736     **Image available**
WPI Acc No: 2003-659891/200362
XRPX Acc No: N03-526181
   Sorting **system retrieves corrected address information for addressee of
   return to sender** mail **, from database before receiving request for
   updated addressee information, after confirming that received** mail **is
   RTS** mail
Patent Assignee: PITNEY BOWES INC (PITB )
Inventor: **DANIELS E P**
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No     Kind   Date    Applicat No   Kind   Date     Week
US 20030114955  A1   20030619  US 200122975   A   20011217  200362  B

Priority Applications (No Type Date): US 200122975 A 20011217
Patent Details:
Patent No  Kind Lan Pg   Main IPC      Filing Notes
US 20030114955 A1     21 G06F-007/00

Abstract (Basic): US 20030114955 A1
      NOVELTY - A **mail** **sorting** apparatus (8) sorts incoming mails and
   determines whether the **mail** is a return to sender (RTS) **mail** , by
   reading the **mail** . The corrected address information for addressee of

the RTS **mail** , is retrieved from corrected address information database, before receiving request for updated addressee information from another database.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) **mail sorting** apparatus; and

(2) method of processing incoming **mail** and address changes.

USE - For automated **mail sorting** in human and financial resources, postal service, and for companies handling very large numbers of incoming mails.

ADVANTAGE - Reduces returned **mail** volume, returned **mail** expenses, and cost associated with paper, envelopes, printing, postage and labor, and maximizes **mail** deliverability, and efficiency and productivity in mailing operations. Also reduces the amount of potential return to sender mails that are created in future, by providing corrected address information for future mailings.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the **sorting** apparatus.

**mail sorting** apparatus (8)

pp; 21 DwgNo 2A/7

Title Terms: SORT; SYSTEM; RETRIEVAL; CORRECT; ADDRESS; INFORMATION; ADDRESS; RETURN; SEND; **MAIL** ; DATABASE; RECEIVE; REQUEST; UPDATE; ADDRESS; INFORMATION; AFTER; CONFIRM; RECEIVE; **MAIL** ; **MAIL**

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-007/00

File Segment: EPI


 **7/5/5      (Item 5 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004  Thomson Derwent. All rts. reserv.


015597172    **Image available**

WPI Acc No: 2003-659327/200362

XRPX Acc No: N03-525620

**Interoffice mails addressing and** sorting **method involves delivering** mail **containing employee name and delivery code information obtained from internet distribution list stored in database to designated bin**

Patent Assignee: PITNEY BOWES INC (PITB  )

Inventor: **DANIELS E P** ; GIORDANO J; **GOTTLIEB R K** ; MALLOZZI J D

Number of Countries: 001  Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| US 20030111392 | A1 | 20030619 | US 200126580 | A | 20011219 | 200362 | B |


Priority Applications (No Type Date): US 200126580 A 20011219

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| US 20030111392 | A1 | | 11 | B07C-005/02 | |


Abstract (Basic): US 20030111392 A1

NOVELTY - The interoffice mails are placed on the incoming **mail sorting** apparatus. The internet distribution list stored in database is used for obtaining employee name and delivery code information and destination bin information. The employee name and delivery code information are printed on **mail** piece and delivered to the destination bin.

USE - For addressing and **sorting** interoffice employee mails using incoming **mail sorting** apparatus.

ADVANTAGE - Provides less cost and simplified way to prepare internal mailings. Creating of internal mailings without applying labels and improves distribution speed, by using automated **sorting** . Creates accurate internal mailings based on employee name and delivery code stored in database.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart of interoffice **mail** addressing and **sorting** method.

pp; 11 DwgNo 5/6
Title Terms: **MAIL** ; ADDRESS; SORT; METHOD; DELIVER; **MAIL** ; CONTAIN;
  EMPLOY; NAME; DELIVER; CODE; INFORMATION; OBTAIN; DISTRIBUTE; LIST;
  STORAGE; DATABASE; DESIGNATED; BIN
Derwent Class: P43; T01; T04; T05
International Patent Class (Main): B07C-005/02
File Segment: EPI; EngPI


 7/5/6      (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

015597005     **Image available**
WPI Acc No: 2003-659160/200362
XRPX Acc No: N03-525456
  **Automatic   mail   sorting  system has video coding station which updates
  electronic data file used to generate outgoing mails, according to
  verification of address information in video image of incoming mails**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **DANIELS E P ;  GOTTLIEB R K**
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No     Kind   Date     Applicat No    Kind    Date     ‹Week
US 20030109954 A1   20030612  US 20018903     A     20011207  200362  B

Priority Applications (No Type Date): US 20018903 A 20011207
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
US 20030109954 A1     19 G06F-007/00

Abstract (Basic): US 20030109954 A1
      NOVELTY - A **mail   sorting**  apparatus (8) sorts the incoming mails
  and captures the video image of the mails. A video coding station (60)
  determines whether the address input by an operator corresponds to the
  video image transmitted to video coding station. A return to sender
  application (61) in video coding station, verifies the address
  information and updates an electronic data file used to generate the
  outgoing mails.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
  method for **sorting**  incoming mails and preparing outgoing mails.
      USE - Automatic **mail   sorting**  system.
      ADVANTAGE - Reduces communication cost and improves delivery
  reliability and security, by updating the electronic data file used to
  generate outgoing units according to verification of address
  information in incoming mails.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
  the automatic **mail   sorting**  system.
      **mail   sorting**  apparatus (8)
      video coding station (60)
      return to sender application (61)
      pp; 19 DwgNo 5/6
Title Terms: AUTOMATIC; **MAIL** ; SORT; SYSTEM; VIDEO; CODE; STATION; UPDATE;
  ELECTRONIC; DATA; FILE; GENERATE; OUTGOING; **MAIL** ; ACCORD; VERIFICATION;
  ADDRESS; INFORMATION; VIDEO; IMAGE; INCOMING; **MAIL**
Derwent Class: T01; T04; T05
International Patent Class (Main): G06F-007/00
File Segment: EPI


 7/5/7      (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015596170     **Image available**
WPI Acc No: 2003-658325/200362

XRPX Acc No: N03-524650
   **Return to sender** mail sorting **method in postal** mail **communication,**
   **involves judging addressee detection possibility to decide bin delivery**
   **and comparing address segment using voice recognition system to detect**
   **delivery bin**
Patent Assignee: PITNEY BOWES INC (PITB )
Inventor: **DANIELS E P** ; GIORDANO J; **GOTTLIEB R K** ; MALLOZZI J D; RYAN W E
   ; STEINMETZ J H
Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No      Kind   Date      Applicat No    Kind    Date       Week
US 20030098265 A1   20030529  US 2001996536   A     20011128   200362   B

Priority Applications (No Type Date): US 2001996536 A 20011128
Patent Details:
Patent No  Kind Lan Pg   Main IPC    Filing Notes
US 20030098265 A1     14 G06K-009/18

Abstract (Basic): US 20030098265 A1
      NOVELTY - An addressee information is read from a **mail** and the
   **mail** is delivered to a return to sender bin, when an addressee
   detection is not possible. An identifiable sender address segment is
   input into a voice recognition system for comparing with addressee
   database, to determine an appropriate bin for delivery. The **mail** is
   delivered to the identified bin.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
   **sorting** method of return to sender **mail** .
      USE - For **sorting** return to sender (RTS) mails in postal **mail**
   communication.
      ADVANTAGE - Provides better through-put by using minimal additional
   hardware and software thereby total **sorting** cost is reduced and quick
   processing is achieved.
      DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
   indicating the method of processing unreadable mails.
      pp; 14 DwgNo 5A/5
Title Terms: RETURN; SEND; **MAIL** ; SORT; METHOD; POSTAL; **MAIL** ;
   COMMUNICATE; JUDGEMENT; ADDRESS; DETECT; POSSIBILITY; DECIDE; BIN;
   DELIVER; COMPARE; ADDRESS; SEGMENT; VOICE; RECOGNISE; SYSTEM; DETECT;
   DELIVER; BIN
Derwent Class: P43; T01; T04; T05; W04
International Patent Class (Main): G06K-009/18
International Patent Class (Additional): B07C-003/12; B07C-005/342
File Segment: EPI; EngPI


 7/5/8     (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015544868    **Image available**
WPI Acc No: 2003-607024/200357
Related WPI Acc No: 2003-720339; 2003-720353
XRAM Acc No: C03-165296
XRPX Acc No: N03-484010
   **Mail** piece sorting **system for** sorting mail **pieces and detecting**
   **presence of harmful materials, e.g. explosives or biohazards, includes**
   **feeder component, detection module, diverter, reading system, and bin**
   **module**
Patent Assignee: GOTTLIEB R K (GOTT-I); MALLOZZI J D (MALL-I); RYAN W E
   (RYAN-I)
Inventor: **GOTTLIEB R K** ; MALLOZZI J D; RYAN W E
Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No      Kind   Date      Applicat No    Kind    Date       Week
US 20030121839 A1   20030703  US 200136982    A     20011231   200357   B '

Patent Details:
Patent No  Kind Lan Pg    Main IPC      Filing Notes
US 20030121839 A1     23 B07C-005/00

Abstract (Basic): US 20030121839 A1
        NOVELTY - A **mail** piece **sorting** system includes a feeder
    component for singulating and feeding a **mail** piece on a feed path of
    the system; a detection module for detecting the presence of harmful
    material in the **mail** piece; a diverter for diverting the **mail** piece
    into a collection module if harmful material is detected; a reading
    system for reading the **mail** piece; and a bin module comprising at
    least two destination bins.
        DETAILED DESCRIPTION - A **mail** piece **sorting** system includes a
    feeder component for singulating and feeding a **mail** piece on a feed
    path of the system; a detection module downstream of the component for
    detecting the presence of harmful material in the **mail** piece; a
    diverter for diverting the **mail** piece into a collection module if
    harmful material is detected; a reading system for reading the **mail**
    piece and determining a destination bin if the detection module does
    not detect the presence of the harmful material; and a bin module
    comprising at least two destination bins for receiving a **mail** piece
    after a destination bin has been determined by the scanner.
        USE - Used for **sorting** **mail** pieces and detecting the presence
    of harmful materials, e.g. explosives and biohazards (claimed) in the
    **mail** piece.
        ADVANTAGE - The system provides for the protection of harmful
    material in **mail** pieces to help deter delays in incoming **mail**
    delivery caused by the presence of life harming material and sanitize
    the **mail** to protect the intended recipients from harm.
        DESCRIPTION OF DRAWING(S) - The figure is a labeled schematic view
    of the **mail** piece **sorting** system.
        pp; 23 DwgNo 8a/9
Title Terms:  **MAIL** ; PIECE; SORT; SYSTEM; SORT; **MAIL** ; PIECE; DETECT;
    PRESENCE; HARM; MATERIAL; EXPLOSIVE; FEED; COMPONENT; DETECT; MODULE;
    DIVERT; READ; SYSTEM; BIN; MODULE
Derwent Class: K02; P43; S03; T01; T05; W07
International Patent Class (Main): B07C-005/00
File Segment: CPI; EPI; EngPI


 7/5/9      (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015523300     **Image available**
WPI Acc No: 2003-585447/200355
XRPX Acc No: N03-466065
    Mailpiece **addressee determining method, involves using post optical
    character recognition database to determine intended addressee of
    mailpiece  if system fails to determine addressee**  .
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor:  **DANIELS E P** ;  **GOTTLIEB R K**
Number of Countries: 097  Number of Patents: 002
Patent Family:
Patent No     Kind   Date      Applicat No    Kind   Date      Week
US 20030085162  A1   20030508  US 200142418   A    20011107  200355  B
WO 200339771   A2   20030515  WO 2002US34919  A    20021031  200355

Patent Details:
Patent No  Kind Lan Pg    Main IPC      Filing Notes
US 20030085162 A1     14 B07C-005/00
WO 200339771 A2 E       B07C-000/00
    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN

IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): US 20030085162 A1
        NOVELTY - The method involves using a post optical character
    recognition (OCR) database coupled to an incoming **mailpiece    sorting**
    apparatus, to determine the intended addressee of the  **mailpiece** , if
    the OCR system is unable to determine the addressee. The **mailpiece**  is
    delivered to a designated sort bin when the intended recipient of the
    **mailpiece**  is determined.
        DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a
    **mailpiece    sorting** apparatus.
        USE - Used for determining the intended **mailpiece**  addressee.
        ADVANTAGE - The method processes reject **mailpieces**  with greater
    throughput and lower labor costs. The method also provides a higher
    throughput of the sorted **mailpieces**  and allows for additional
    automated processing.
        DESCRIPTION OF DRAWING(S) - The drawing shows the connection of the
    computer system to the  **sorting**  apparatus.
        pp; 14 DwgNo 2A/6
Title Terms: ADDRESS; DETERMINE; METHOD; POST; OPTICAL; CHARACTER;
  RECOGNISE; DATABASE; DETERMINE; INTENDED; ADDRESS; SYSTEM; FAIL;
  DETERMINE; ADDRESS
Derwent Class: P43; T01; T04; T05
International Patent Class (Main): B07C-000/00; B07C-005/00
File Segment: EPI; EngPI


 **7/5/10      (Item 10 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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015406817     **Image available**
WPI Acc No: 2003-468958/200344
XRPX Acc No: N03-373193
    Sorting **return to sender** mail **in automated** mail   sorting **system by
    comparing state/ZIP Code information read from** a  mail -piece to a
    state/ZIP Code list, if no match is found the  mail  is sent to a return
    to sender bin
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **DANIELS E P** ;  **GOTTLIEB R K** ; MALLOZZI J D; STEINMETZ J H
Number of Countries: 097  Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---|---|---|---|---|---|---|
| WO 200345588 | A2 | 20030605 | WO 2002US37517 | A | 20021122 | 200344 B |
| US 20030116482 | A1 | 20030626 | US 2001996092 | A | 20011128 | 200349 |

Priority Applications (No Type Date): US 2001996092 A 20011128
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| WO 200345588 | A2 | E | 26 | B07C-000/00 | |

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
    IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
    PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
    GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW
US 20030116482 A1        B07C-005/00

Abstract (Basic): WO 200345588 A2
        NOVELTY - Involves a **mail    sorting** apparatus generating
    state/ZIP Code list from an addressee database. **Mail** -pieces for which
    the addressee cannot be determined are processed using ZIP Code and/or
    State information read from the  **mail** -piece. The state/ZIP Code

EKD      January 2, 2004

information read from the **mail** -piece is compared to the state/ZIP
Code list to determine if there is a match. If there is no match, the
**mail** -piece is sorted to a return to sender bin.
        USE - For an automated **mail** **sorting** system.
        ADVANTAGE - Enables quick and automated **sorting** of **mail** for
which no intended recipient can be identified.
        DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of
the apparatus used to implement the method.
        pp; 26 DwgNo 2a/6
Title Terms: SORT; RETURN; SEND; **MAIL** ; AUTOMATIC; **MAIL** ; SORT; SYSTEM;
    COMPARE; STATE; CODE; INFORMATION; READ; **MAIL** ; PIECE; STATE; CODE; LIST
    ; NO; MATCH; FOUND; **MAIL** ; SEND; RETURN; SEND; BIN
Derwent Class: P43; T01; T04; T05
International Patent Class (Main): B07C-000/00; B07C-005/00
International Patent Class (Additional): G06K-009/00
File Segment: EPI; EngPI


 7/5/11      (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

015358889    **Image available**
WPI Acc No: 2003-419827/200339
XRPX Acc No: N03-335206
   Mail   sorting **method e.g. for business reply** mail , **involves placing
   unique identifier on returned** mail **, that contains information useful to
   allow mailer to sort its incoming** mail
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: BODIE K W; **DANIELS E P**
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No     Kind   Date     Applicat No    Kind   Date      Week
US 20030055791 A1  20030320  US 2001957288   A    20010920  200339  B

Priority Applications (No Type Date): US 2001957288 A 20010920
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
US 20030055791 A1      9 G06F-017/60

Abstract (Basic): US 20030055791 A1
        NOVELTY - A unique identifier is placed on each **mail** that is sent
    to a customer and returned to the mailer. The unique identifier
    contains information that is useful to allow the mailer to sort its
    incoming **mail** in accordance with mailer predetermined criteria.
        USE - For **sorting** **mail** e.g. business reply **mail** .
        ADVANTAGE - By using the information in the unique identifier, a
    mailer can schedule the sending of invoices to different people at
    different times of month to improve the mailer's cash flow.
        DESCRIPTION OF DRAWING(S) - The figure shows the front view of the
    **mail** .
        pp; 9 DwgNo 2/5
Title Terms: **MAIL** ; SORT; METHOD; BUSINESS; REPLY; **MAIL** ; PLACE; UNIQUE;
    IDENTIFY; RETURN; **MAIL** ; CONTAIN; INFORMATION; USEFUL; ALLOW; **MAIL** ;
    SORT; INCOMING; **MAIL**
Derwent Class: T05
International Patent Class (Main): G06F-017/60
File Segment: EPI


 7/5/12      (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

014128158    **Image available**
WPI Acc No: 2001-612368/200171

XRPX Acc No: N01-457148
   Sorting **charges computing method for postal applications, involves
   storing piece count of each of sorted** mailpieces **to compute** sorting
   **cost based on preset unit price of each** mailpiece **and stored address
   information**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **DANIELS E P ;  GOTTLIEB R K ;  MARRY R D**
Number of Countries: 027   Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 1113376 | A2 | 20010704 | EP 2000126441 | A | 20001206 | 200171 | B |
| CA 2327042 | A1 | 20010628 | CA 2327042 | A | 20001122 | 200171 | |

Priority Applications (No Type Date): US 99474909 A 19991228
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| EP 1113376 | A2 | E | 8 | G06F-017/60 | |

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR

| CA 2327042 | A1 | E | | G06F-017/60 | |
|-----------|------|-----|-----|----------|--------------|

Abstract (Basic): EP 1113376 A2
      NOVELTY - The type of **mailpiece**  is determined using collection
   information, from **mailpieces** sorted by **mail   sorting** apparatus
   with addressee information stored in database. The piece count of each
   sorted **mailpiece**  is stored, for calculating cost based on address
   information and predetermined unit price of each type of  **mailpiece** .
      USE - For calculating the incoming and outgoing **mail   sorting**
   charges, in postal services.
      ADVANTAGE - The type of mails such as letter, card, etc., are
   distinguished and **sorting**  charges for each **mail**  is calculated with
   high efficiency using the address information and cost of each type of
   **mailpiece** .
      DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
   explaining the process of calculating **sorting**  charges.
      pp; 8 DwgNo 3/3
Title Terms: SORT; CHARGE; COMPUTATION; METHOD; POSTAL; APPLY; STORAGE;
   PIECE; COUNT; SORT; COMPUTATION; SORT; COST; BASED; PRESET; UNIT; PRICE;
   STORAGE; ADDRESS; INFORMATION
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-019/00
File Segment: EPI


 7/5/13      (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

013775378     **Image available**
WPI Acc No: 2001-259589/200127
XRPX Acc No: N01-185238
   Mailpiece   sorting **method e.g. for letters, parcels and the like
   requires less stopping of the** sorting **process for bin emptying**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **GOTTLIEB R K ;** MALLOZZI J D; MANGIAMELLI C; MANGIAMELI C
Number of Countries: 027   Number of Patents: 004
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 1084770 | A2 | 20010321 | EP 2000119473 | A | 20000915 | 200127 | B |
| CA 2319304 | A1 | 20010315 | CA 2319304 | A | 20000914 | 200128 | |
| US 6283304 | B1 | 20010904 | US 99396835 | A | 19990915 | 200154 | |
| CA 2319304 | C | 20031125 | CA 2319304 | A | 20000914 | 200380 | |

Priority Applications (No Type Date): US 99396835 A 19990915
Patent Details:

Patent No   Kind Lan Pg   Main IPC      Filing Notes
EP 1084770    A2 E    7  B07C-003/00
    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI
CA 2319304    A1 E       B07C-009/00
US 6283304    B1         B07C-005/12
CA 2319304    C  E.      B07C-009/00

Abstract (Basic): EP 1084770 A2
        NOVELTY - Indicates when a bin is partially full to the level of a
    partially full sensor so that an operator can empty that bin.
    Additionally, a bin-full calculation is performed for determining if
    redirection of the **mailpieces** to an alternate bin is necessary should
    the operator not empty the bin as directed.
        DETAILED DESCRIPTION - If a bin is partially full to the level of
    the sensor; the process performs an addition of thicknesses of all of
    the **mailpieces** which are in the **mailpiece** delivery system, but not
    yet delivered to the bin to determine whether those **mailpieces** would
    fill the bin. If the bin would be full, it is determined whether an
    alternate bin is available and, if so; the **mailpieces** are routed to
    the alternate bin.
        USE - For automated **sorting** of letters and parcels.
        ADVANTAGE - Requires less stopping of the **sorting** process for bin
    emptying.
        DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of the
    method.
        pp; 7 DwgNo 2/2
Title Terms: SORT; METHOD; LETTER; PARCEL; REQUIRE; LESS; STOP; SORT;
    PROCESS; BIN; EMPTY
Derwent Class: P43; T05
International Patent Class (Main): B07C-003/00; B07C-005/12; B07C-009/00
International Patent Class (Additional): B07C-005/04; G06F-007/00;
    G06F-017/60
File Segment: EPI; EngPI


 7/5/14      **(Item 14 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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012508786     **Image available**
WPI Acc No: 1999-314891/199927
XRPX Acc No: N99-235346
    **Electronic mass** mail **system sorts mailings into electronic and physical**
    mail **, prints physical** mail **and applies inserts to electronic** mail
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **DANIELS E P** ; KWANT J F; MITCHELL P H; RAHRIG J G; SCHUMACHER K
    H; WOODMAN C E
Number of Countries: 026  Number of Patents: 003
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 917076 | A2 | 19990519 | EP 98121145 | A | 19981111 | 199927 | B |
| CA 2253970 | A1 | 19990512 | CA 2253970 . | A | 19981112 | 199944 | |
| CA 2253970 | C | 20030325 | CA 2253970 | A | 19981112 | 200324 | |

Priority Applications (No Type Date): US 97968651 A 19971112
Patent Details:
Patent No  Kind Lan Pg   Main IPC      Filing Notes
EP 917076     A2 E   13 G06F-017/60
    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI
CA 2253970    A1 E       H04L-012/54
CA 2253970    C  E       H04L-012/54

Abstract (Basic): EP 917076 A2
        NOVELTY - A sender mainframe (100) submits documents to a

print-stream processor (102) together with addressing and content
information and the processor splits the print-stream into physical and
delivery streams. The physical delivery stream is sent to a printer
(104) and then to an inserter (106), while the electronic **mail** pieces
are sent to an inserter (110). A web server (116) delivers the
electronic **mail** with electronic inserts and the physical **mail** is
delivered by post.
   DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a system
and method for delivering a batch of **mail** .
   USE - For electronic mailing batches of documents having selected
electronic inserts.
   ADVANTAGE - Handling inserts in manner appropriate to delivery
mechanism.
   DESCRIPTION OF DRAWING(S) - The drawing is a diagram of
print-stream delivery architecture.
   Sender mainframe (100)
   Central processor unit (102)
   Printer (104)
   Inserters (106, 110)
   Web server (116)
   pp; 13 DwgNo 1/6
Title Terms: ELECTRONIC; MASS; **MAIL** ; SYSTEM; SORT; ELECTRONIC; PHYSICAL;
   **MAIL** ; PRINT; PHYSICAL; **MAIL** ; APPLY; INSERT; ELECTRONIC; **MAIL**
Derwent Class: T01; T04; W01; W02; W05
International Patent Class (Main): G06F-017/60; H04L-012/54
File Segment: EPI


 7/5/15     (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012508785     **Image available**
WPI Acc No: 1999-314890/199927
XRPX Acc No: N99-235345
**Electronic and non-electronic mass mailing**
Patent Assignee: PITNEY BOWES INC (PITB  ); DANIELS E P (DANI-I); KWANT J F
   (KWAN-I); MITCHELL P H (MITC-I); RAHRIG J G (RAHR-I); SCHUMACHER K
   (SCHU-I); WOODMAN C E (WOOD-I)
Inventor: **DANIELS E P** ; KWANT J F; MITCHELL P H; RAHRIG J G; SCHUMACHER K
   H; WOODMAN C E; SCHUMACHER K; KWANT J; MITCHELL P; RAHRIG J; WOODMAN C
Number of Countries: 027  Number of Patents: 004
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 917075 | A2 | 19990519 | EP 98121144 | A | 19981111 | 199927 | B |
| CA 2253967 | A1 | 19990512 | CA 2253967 | A | 19981112 | 199944 | |
| US 20010014164 | A1 | 20010816 | US 97968649 | A | 19971112 | 200149 | |
| US 6343327 | B2 | 20020129 | US 97968649 | A | 19971112 | 200210 | |

Priority Applications (No Type Date): US 97968649 A 19971112
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| EP 917075 | A2 | E | 14 | G06F-017/60 | |

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI

| | | | | | |
|---|---|---|---|---|---|
| CA 2253967 | A1 | E | | G06F-003/12 | |
| US 20010014164 | A1 | | | G06K-009/00 | |
| US 6343327 | B2 | | | G06F-013/14 | |

Abstract (Basic): EP 917075 A2
   NOVELTY - A server's mainframe (100) submits documents to a
print-stream processor (102) separating them into physical and
electronic delivery print-streams according to delivery preferences.
The physical print-stream is set to a printer (104) and electronic
print-streams are sent to an electronic inserter (110) and are combined
with physical and electronic inserts for physical and electronic

delivery; i.e. via the post or electronic- **mail** respectively.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for an
electronic print-stream delivery system, for a system of mass mailing
and for a software product bearing sequences of computer executable
instructions.
USE - For combining electronic and physical delivery of messages.
ADVANTAGE - Handles inserts appropriate to delivery mechanism.
DESCRIPTION OF DRAWING(S) - The drawing is a diagram of
print-stream delivery architecture.
Server mainframe (100)
Print-stream processor (102)
Printer (104)
Electronic inserter (110)
pp; 14 DwgNo 1/6
Title Terms: ELECTRONIC; NON; ELECTRONIC; MASS; **MAIL**
Derwent Class: P74; P75; T01; T04; W01; W02; W05
International Patent Class (Main): G06F-003/12; G06F-013/14; G06F-017/60;
G06K-009/00
International Patent Class (Additional): B41B-001/00; B41F-001/00;
B41J-001/00; G06F-015/00; G06F-017/00; G06F-019/00; G06K-001/00
File Segment: EPI; EngPI


**7/5/16       (Item 16 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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011575746     **Image available**
WPI Acc No: 1997-552227/199751
XRPX Acc No: N97-460156
**Bar code on stuffed envelope printing - changing font of printer to print
blank string if scanning process indicates that document contains data
which is not valid based on selected configuration**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: BODIE K W; CHURCHILL J; GAGLIARDI M A;  **GOTTLIEB R K**
Number of Countries: 004   Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 807473 | A2 | 19971119 | EP 97107450 | A | 19970506 | 199751 | B |
| US 6002095 | A | 19991214 | US 96646186 | A | 19960507 | 200005 | |

Priority Applications (No Type Date): US 96646186 A 19960507
Cited Patents: -SR.Pub
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| EP 807473 | A2 | E | 8 | B07C-001/00 | |

Designated States (Regional): DE FR GB

| | | | | | |
|---|---|---|---|---|---|
| US 6002095 | A | | | B07C-005/00 | |

Abstract (Basic): EP 807473 A
The method involves conveying an address bearing document from an
input module (12) along a chassis (14) from an upstream location to a
downstream location. The document is scanned at the input module to
determine whether or not a bar code is to be printed on the stuffed
envelope. A barcode is printed with a printer (18) on the envelope if
the scanning process indicates that the document contains data which is
valid based on a selected configuration. The font of the printer is
changed to print a blank string if the scanning process indicates that
the document contains data which is not valid based on a selected
configuration.
The blank string is printed in ASCII font and the selected
configuration requires 9 or 11 digit zip-code. Further it requires out-
**sorting**  all envelopes printed with a blank string, while the barcode
is a Postnet barcode.
USE/ADVANTAGE - For selectively printing Postnet bar code on
envelopes. Allows printing nothing on envelopes in those cases where

address does not contain proper zip code information so they can be out-sorted downstream of printer and remainder of printer output can be accumulated in bundle which qualify for postal discount.
        Dwg.1/3
Title Terms: BAR; CODE; STUFF; ENVELOPE; PRINT; CHANGE; FONT; PRINT; PRINT; BLANK; STRING; SCAN; PROCESS; INDICATE; DOCUMENT; CONTAIN; DATA; VALID; BASED; SELECT; CONFIGURATION
Derwent Class: P43; T04; T05
International Patent Class (Main): B07C-001/00; B07C-005/00
International Patent Class (Additional): G06F-017/00
File Segment: EPI; EngPI


 7/5/17      (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007296114
WPI Acc No: 1987-293121/198742
XRPX Acc No: N87-219427
  **Postage meter with postage costs accounting system - has processor responsive to program data to enable selected account records to be edited while providing data security**
Patent Assignee: MAMONE J R (MAMO-I); PITNEY BOWES INC (PITB  )
Inventor: CHENG C; **DANIELS E P** ; HUTCHESON N C; MALLOZZI J D; MAMONE J R
Number of Countries: 007  Number of Patents: 005
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 241598 | A | 19871021 | EP 86118033 | A | 19861224 | 198742 | B |
| US 4958291 | A | 19900918 | US 85813457 | A | 19851226 | 199040 | |
| CA 1279931 | C | 19910205 | | | | 199111 | |
| EP 241598 | B | 19910904 | | | | 199136 | |
| DE 3681280 | G | 19911010 | | | | 199142 | |

Priority Applications (No Type Date): US 85813457 A 19851226
Cited Patents: A3...8826; DE 3416590; DE 3426524; EP 111317; No-SR.Pub; US 4319328; US 4323987
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| EP 241598 | A | E | 44 | | |

    Designated States (Regional): CH DE FR GB LI
EP 241598      B
    Designated States (Regional): CH DE FR GB LI

Abstract (Basic): EP 241598 A
        The system includes a keyboard for operator entry of commands and information. A memory stores program data and account records. A unit interfaces with a postage meter, and a processor is connected to the keyboard, memory, interface unit and a printer. The processor is responsive to the program data for (a) responding the entry of an item of the postal information corresp. to a particular batch of **mail** . The processor transmits signals through the interface to set the postage meter, and responding to signals received through the interface specifying postage expended to update account records. The processor responds to the entry of an edit command to edit a selected account record by first setting a flag in the memory to indicate that the selected account is being edited. A second copy of the selected record is then created in a preselected portion of the memory, receiving editing information is the received through the keyboard and the selected record is updated. The flag is reset after editing is completed.
        ADVANTAGE - Protected against erroneous or fraudulent editing.
        1/14
Title Terms: POSTAGE; METER; POSTAGE; COST; ACCOUNT; SYSTEM; PROCESSOR; RESPOND; PROGRAM; DATA; ENABLE; SELECT; ACCOUNT; RECORD; EDIT; DATA; SECURE

Derwent Class: T05
International Patent Class (Additional): G06F-015/20; G07B-017/02
File Segment: EPI


 7/5/18      (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007218001
WPI Acc No: 1987-215009/198731
XRPX Acc No: N87-160769
  **Postage meter cost accounting system - has processor arranged to respond
  to account numbers and print account records in order**
Patent Assignee: MALLOZZI J D (MALL-I); PITNEY BOWES INC (PITB  )
Inventor: BREAULT M S; **DANIELS E P** ; HUTCHESON N C; MALLOZZI J D
Number of Countries: 007  Number of Patents: 005
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 230658 | A | 19870805 | EP 86118032 | A | 19861224 | 198731 | B |
| US 4962459 | A | 19901009 | US 85813458 | A | 19851226 | 199043 | |
| CA 1280214 | C | 19910212 | | | | 199112 | |
| EP 230658 | B | 19910828 | | | | 199135 | |
| DE 3681150 | G | 19911002 | | | | 199141 | |

Priority Applications (No Type Date): US 85813458 A 19851226
Cited Patents: A3...8750; DE 3031432; DE 3416590; No-SR.Pub; US 4301507; US
  4319328; US 4339807
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| EP 230658 | A | E | 41 | | |

    Designated States (Regional): CH DE FR GB LI

| EP 230658 | B | | | | |

    Designated States (Regional): CH DE FR GB LI

Abstract (Basic): EP 230658 A
     Postal information including account numbers are entered through a
  keyboard (16). A memory (14) stores program data, and account records
  each corresponding to a respective account number are stored in a
  non-volatile memory (14b). The CPU (12) responds to entry of an item of
  postal information corresponding to a particular batch of **mail** to
  pass signals through an interface (22) for setting the postage meter
  (30). The CPU responds to signals received through the interface and
  specifying postage expended for updating one of the account records
  corresponding to one of the account records specified by the item
  entered.
     In response to entry of a report command the CPU causes account
  records to be printed in account number order on the printer (18). The
  CPU scans all the account records determines the next account record,
  in account number sequence, which has not been printed, and prints the
  determined account record. This is repeated until all the account
  records have been printed.
     ADVANTAGE - Data security achieved even when power failure or
  transient occurs
Title Terms: POSTAGE; METER; COST; ACCOUNT; SYSTEM; PROCESSOR; ARRANGE;
  RESPOND; ACCOUNT; NUMBER; PRINT; ACCOUNT; RECORD; ORDER
Derwent Class: T05
International Patent Class (Additional): G06F-015/20; G07B-017/02
File Segment: EPI


 7/5/19      (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

007056535

  **Interface for mailing system peripheral devices e.g. weighing machine -
  has input data circuit for converting input words into parallel form for
  transfer to programmable interface controller**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **DANIELS E P** ; DINAN D E; MALLOZZI J
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 4642791 | A | 19870210 | US 83532251 | A | 19830915 | 198708 | B |

Priority Applications (No Type Date): US 83532251 A 19830915
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| US 4642791 | A | | 9 | | |

Abstract (Basic): US 4642791 A
      The interface comprises a data input serial to parallel converter
  which is connected to an DATA line and to its associated input clock
  line to receive and input word on the DATA line strobed in by a series
  of clock pulses on the input clock line. A data output parallel to
  serial converter is operatively connected to the RDATA line and to the
  associated output clock line to receive a parallel output data word and
  for strobing such word on the RDATA line in serial format by means of
  series of clock pulses on the associated output clock line.
      A programmable interface controller is connected to the input
  serial to parallel converter, to the output parallel to serial
  converter and to the weighing sell. The controller receives the input
  words in parallel form the input converter, sequences of such words
  defining messages, responds to one particular message by requesting
  weight information from the weighing cell, and receives the weight
  information for transfer to the output parallel to serial converter.
Title Terms: INTERFACE; **MAIL** ; SYSTEM; PERIPHERAL; DEVICE; WEIGH; MACHINE;
  INPUT; DATA; CIRCUIT; CONVERT; INPUT; WORD; PARALLEL; FORM; TRANSFER;
  PROGRAM; INTERFACE; CONTROL
Derwent Class: T01
International Patent Class (Additional): G06F-003/00
File Segment: EPI


 **7/5/20      (Item 20 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

  **Mailing system peripheral interface with replaceable PROM - the PROM
  addresses memory and can be replaced when memory is upgraded**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **DANIELS E P**
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 4606003 | A | 19860812 | US 82430220 | A | 19820930 | 198635 | B |

Priority Applications (No Type Date): US 82430220 A 19820930
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| US 4606003 | A | | 9 | | |

Abstract (Basic): US 4606003 A
      The interface carries peripheral support hardware and software for
  communication with the peripherals. The interface includes a board
  having a memory where programs for formatting communications with the

peripherals are stored. A working memory for the temporary storage of
commands and data for communication to the peripherals and a peripheral
controller for establishing a communications link with a selected
peripheral are also carried on the interface board.
      A replaceable PROM is carried on the interface for accessing the
output enable pins of the program and working memories. The prom is
replaced in the field when a different program rworking memory is to be
substituted.
      ADVANTAGE - Facilitates field modification.
Title Terms:  **MAIL** ; SYSTEM; PERIPHERAL; INTERFACE; REPLACE; PROM; PROM;
  ADDRESS; MEMORY; CAN; REPLACE; MEMORY; UPGRADING
Derwent Class: T01
International Patent Class (Additional): G06F-012/12
File Segment: EPI


 7/5/21      (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.


004715353
WPI Acc No: 1986-218695/198633
XRPX Acc No: N86-163221
 · **Mailing system interface processor communications channel - transmits
  data and control signals between processors along lines connected to
  reference voltage levels**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor:  **DANIELS E P**
Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No     Kind   Date     Applicat No    Kind    Date       Week
US 4603400     A    19860729  US 82430091     A     19820930   198633   B

Priority Applications (No Type Date): US 82430091 A 19820930
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
US 4603400    A       12

Abstract (Basic): US 4603400 A
      The mailing system includes a postage value determining system
processor which communicates along parallel channels and peripheral
subsystem processors to communicate with a system processor along a
serial data bus. An interface is provided between the system processor
and the serial bus. The interface includes two communications
processor. The first processor is programmed to communicate with the
system processor and with the second communications processor. The
second processor is programmed to communicate with the first and with
peripheral subsystem processors through the serial bus.
      Data and control signals are transmitted between the
communications processors through an inter processor channel. The inter
processor channel includes lines connected to reference voltage levels
for providing appropriate signals levels for recognition by the
communications processors which operate on different voltage signal
levels.
Title Terms:  **MAIL** ; SYSTEM; INTERFACE; PROCESSOR; COMMUNICATE; CHANNEL;
  TRANSMIT; DATA; CONTROL; SIGNAL; PROCESSOR; LINE; CONNECT; REFERENCE;
  VOLTAGE; LEVEL
Derwent Class: T01
International Patent Class (Additional): G06F-003/00
File Segment: EPI


 7/5/22      (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

004615678
WPI Acc No: 1986-119022/198618
XRPX Acc No: N86-087710
  **Mailing system serial communications interface - includes two**
  **communications processors connected by inter-processor channel for data**
  **and control signals**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **DANIELS E P** ; DLUGOS D F; MANDUELY M
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 4583195 | A | 19860415 | US 82430219 | A | 19820930 | 198618 | B |

Priority Applications (No Type Date): US 82430219 A 19820930
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| US 4583195 | A | | 12 | | |

Abstract (Basic): US 4583195 A
     The apparatus includes two communications processors. The first
  processor is programmed to communicate with the system processor and
  with the second communications processor. The second communications
  processor is programmed to communicate with the first processor and
  with peripheral subsystem processors through the serial bus. Data and
  control signals are transmitted between the communications processors
  through an inter processor channel.
     The inter processor channel includes lines connected to reference
  voltage levels for providing appropriate signal levels for recognition
  by the communications processors which operate on different voltage
  signal levels.
     USE/ADVANTAGE - Esp. for mailing system. Permits communication
  with otherwise incompatible peripheral devices.
Title Terms: **MAIL** ; SYSTEM; SERIAL; COMMUNICATE; INTERFACE; TWO;
  COMMUNICATE; PROCESSOR; CONNECT; INTER; PROCESSOR; CHANNEL; DATA; CONTROL
  ; SIGNAL
Index Terms/Additional Words: MAIL; SYSTEM
Derwent Class: T01; T05
International Patent Class (Additional): G06F-003/00
File Segment: EPI


 **7/5/23      (Item 23 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

004552027
WPI Acc No: 1986-055371/198608
XRPX Acc No: N86-040539
  **Meter selection for drop shipment mailing system - transmits core to**
  **peripheral controller interface and selector latch decoder that provides**
  **selection signals**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: COPPOLA V G; **DANIELS E P** ; GRISGRABER E G; LORENZO J L; MANDULEY
  F M
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 4569022 | A | 19860204 | US 83472522 | A | 19830307 | 198608 | B |

Priority Applications (No Type Date): US 83472522 A 19830307
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| US 4569022 | A | | 26 | | |

Abstract (Basic): US 4569022 A
     The system includes a scale having a weighing device, a keyboard

for entering postage value determining data and an electronic postage
meter selection code. A postage value determining processor and a
programmable read only memory contain postal rate and zip to zone
conversion data. A peripheral controller interface provides
communication capability between the scale processor and peripheral
mailing devices. The controller includes a series of electronic postage
meters each of which provides postage value denominations for **mail**
originating from different postal zone distribution points.
     A data steering interface, provides interconnection between the
communications lines received from the scale system processor and the
communication lines of the respective electronic postage meters. A
code, entered through the keyboard, is transmitted serially to the
peripheral controller interface and, in turn, to a selector latch
decoder which provides selection signals to the data steering interface
for directing the interface to establish communication links between
the scale processor through the peripheral interface controller and a
desired electronic postage meter.
     USE - Large volume parcel **mail** system.
Title Terms: METER; SELECT; DROP; SHIPPING; **MAIL** ; SYSTEM; TRANSMIT; CORE;
  PERIPHERAL; CONTROL; INTERFACE; SELECT; LATCH; DECODE; SELECT; SIGNAL
Derwent Class: S02
International Patent Class (Additional): G01G-019/40
File Segment: EPI


 7/5/24     (Item 24 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

004073626
WPI Acc No: 1984-219167/198435
XRPX Acc No: N84-164084
  **Mailing system peripheral interface - uses PROM to store communications**
  **formatting programs for designated peripheral devices for uses by system**
  **processor**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **DANIELS E P** ; DLUGOS D F; MANDULEY F
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| US 4466079 | A | 19840814 | US 81235252 | A | 19810217 | 198435 | B |

Priority Applications (No Type Date): US 81235252 A 19810217
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| US 4466079 | A | | 19 | | |

Abstract (Basic): US 4466079 A
     The interface between a system processor of an automated mailing
system and selected peripheral devices carries peripheral support
hardware and software for communication with the peripherals. The
interface includes a board having a memory in which programs for
formatting communications with the peripherals are stored. A working
memory for the temporary storage of commands and data for communication
to the peripherals and a peripheral controller for establishing a
communications link with a selected peripheral are also carried on the
interface board. The controller receives command signals from the
system processor and in response to such command signals establishes
communications links with a selected peripheral and enters subroutines
for the exchange of data between the system processor and the selected
peripheral
     ADVANTAGE - The inclusion of additional peripheral devices or the
substitution of alternate peripheral devices which would require
revision of communications formatting programs does not require
reprogramming of the system processor and is accommodated by revising
the program stored in the interface program memory.

0/13
Title Terms: **MAIL** ; SYSTEM; PERIPHERAL; INTERFACE; PROM; STORAGE;
  COMMUNICATE; FORMAT; PROGRAM; DESIGNATED; PERIPHERAL; DEVICE; SYSTEM;
  PROCESSOR
Derwent Class: T01; T05
International Patent Class (Additional): G06F-015/20
File Segment: EPI


 7/5/25      (Item 25 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

004057236
WPI Acc No: 1984-202777/198433
XRPX Acc No: N84-151556
  **Voice responsive automated parcel mailing system - has system processor
  for operator to enter data relating to postage value calculations via
  voice recognition unit or keyboard**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **DANIELS E P** ; DLUGOS D F
Number of Countries: 008  Number of Patents: 006
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 115876 | A | 19840815 | EP 84101334 | A | 19840209 | 198433 | B |
| US 4556944 | A | 19851203 | | | | 198551 | |
| CA 1223362 | A | 19870623 | | | | 198729 | |
| EP 115876 | B | 19900926 | | | | 199039 | |
| DE 3483274 | G | 19901031 | | | | 199045 | |
| EP 115876 | B2 | 19950329 | EP 84101334 | A | 19840209 | 199517 | |

Priority Applications (No Type Date): US 83465132 A 19830209
Cited Patents: 1.Jnl.Ref; A3...8735; GB 2070822; GB 2084772; JP 57127225;
  No-SR.Pub; US 4286325; US 4292470; US 4349700; EP 38163; EP 60086; US
  4063031; US 4069393; US 4410961; US 4418412; US 4459674; US 4462080; US
  4556944
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| EP 115876 | A | E | 16 | | |

   Designated States (Regional): CH DE FR GB LI NL

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| EP 115876 | B | | | | |

   Designated States (Regional): CH DE FR GB LI NL

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| EP 115876 | B2 | E | 9 | G07B-017/02 | |

   Designated States (Regional): CH DE FR GB LI NL

Abstract (Basic): EP 115876 A
     The system has a postage value determining scale (12) which
  includes a processor (16), a scale weighing device (14) and a memory
  (15) for storing postage rate information. A keyboard (18) and a voice
  recognition subsystem (38) introduce information to the system which is
  displayed.
     The processor is arranged to receive a parcel weight data and the
  information. In response to the data, the processor retrieves the rate
  from the memory and generates a postage valve for the parcel. The voice
  recognition subsystem includes a voice recognition unit and a
  microphone.
     ADVANTAGE - Improved throughput is obtained with reduced operator
  errors and increased efficiency.
     1/3
Title Terms: VOICE; RESPOND; AUTOMATIC; PARCEL; **MAIL** ; SYSTEM; SYSTEM;
  PROCESSOR; OPERATE; ENTER; DATA; RELATED; POSTAGE; VALUE; CALCULATE;
  VOICE; RECOGNISE; UNIT; KEYBOARD
Derwent Class: P86; T05
International Patent Class (Additional): G06F-003/16; G06F-015/20;
  G07B-017/02; G10L-001/00
File Segment: EPI; EngPI


EKD      January 2, 2004

DIALOG(R)File 350:Derwent WPIX

003970205
WPI Acc No: 1984-115749/198419
XRPX Acc No: N84-085563
   **Determining appts. for postage for  mail  items - has processor to
   generate postage value adjusted in accordance with special fees**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **DANIELS E P**
Number of Countries: 005  Number of Patents: 005
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 107187 | A | 19840502 | EP 83110532 | A | 19831021 | 198419 | B |
| US 4595984 | A | 19860617 | US 82436123 | A | 19821022 | 198627 | |
| CA 1223963 | A | 19870707 | | | | 198731 | |
| EP 107187 | B | 19900418 | | | | 199016 | |
| DE 3381479 | G | 19900523 | | | | 199022 | |

Priority Applications (No Type Date): US 82436123 A 19821022
Cited Patents: A3...8708; No-SR.Pub; US 4271470; US 4286325; US 4325440; US
   4326254
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| EP 107187 | A | E | 60 | | |

   Designated States (Regional): DE FR GB
EP 107187     B
   Designated States (Regional): DE FR GB


Abstract (Basic): EP 107187 A
       The apparatus includes a processor having a memory for storing
   first tables of data defining base postable rates and second tables
   defining special fee rates including currency value oriented special
   fees. The second tables include two section tables comprising a lower
   section defining special fee rates for entered values up to a
   predetermined amount and an upper section. The processor responds to
   the determined weight of  mail , and applicable entered data to select
   a base postage table and to select a special fee value which is used to
   adjust the base postage value.
       The processor also selects, when appropriate, currency value
   oriented special fee values from the appropriate two section tables.
   This depends on whether the entered currency value is less than or
   greater than the predetermined amount. The special fee may be for
   registered  mail , special delivery, return receipt, insurance, COD
   etc.
Title Terms: DETERMINE; APPARATUS; POSTAGE; **MAIL** ; ITEM; PROCESSOR;
  GENERATE; POSTAGE; VALUE; ADJUST; ACCORD; SPECIAL; FEE
Derwent Class: S02; T05
International Patent Class (Additional): G01G-019/00; G06F-015/20;
  G07B-017/02
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

003811626
WPI Acc No: 1983-807870/198344
XRPX Acc No: N83-197406
   **Mailing system interface interconnecting communication systems -
   communicates between peripherals along serial data bus and controller
   interface programmed to communicate with different processor**

Patent Assignee: PITNEY BOWES INC (PITB )
Inventor: **DANIELS E P** ; DLUGOS D F; HOLTZ E B; MANDULEY F M
Number of Countries: 001   Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 4410962 | A | 19831018 | | | | 198344 | B |

Priority Applications (No Type Date): US 81235281 A 19810217
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| US 4410962 | A | | 13 | | |

Abstract (Basic): US 4410962 A
        The automated mailing system includes a postage value determining
    system processor, a scale for providing weight indicative signals, a
    keyboard for operator entry of information relating to a determination
    of postage, and several peripheral devices. A peripheral controller
    interface establishes communications links with the peripheral devices.
    An incompatible systems interface interconnects a serial communications
    bus of the system processor and the peripheral controller interface.
    The incompatible systems interface includes a processor programmed to
    receive, decode and transmit information from or to the system
    processor along the serial bus and load or receive information from or
    to the peripheral controller interface along parallel lines.
        The communication timing constraints of the serial communications
    bys for receipt of data signals by the system processor do not permit
    monitoring of the data transmission by the incompatible system
    processor. To accommodate for such timing constraints, system clock
    pulses of the serial bus are employed at a flip-flop to disable to
    incompatible system processor.
        0/6
Title Terms: **MAIL** ; SYSTEM; INTERFACE; INTERCONNECT; COMMUNICATE; SYSTEM;
  COMMUNICATE; PERIPHERAL; SERIAL; DATA; BUS; CONTROL; INTERFACE; PROGRAM;
  COMMUNICATE; PROCESSOR
Derwent Class: S02; T01; T05
International Patent Class (Additional): G01G-023/42; G06F-015/20
File Segment: EPI


 7/5/28       **(Item 28 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.


003788312
WPI Acc No: 1983-784541/198341
XRPX Acc No: N83-179425
   **Postage value determining system - has keyboard allowing operator to
   enter information memories and weighing device**
Patent Assignee: PITNEY BOWES INC (PITB )
Inventor: **DANIELS E P**
Number of Countries: 006   Number of Patents: 004
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 90630 | A | 19831005 | EP 83301728 | A | 19830328 | 198341 | B |
| EP 90630 | B | 19880817 | | | | 198833 | |
| DE 3377737 | G | 19880922 | | | | 198839 | |
| US 4814995 | A | 19890321 | US 82363179 | A | 19820329 | 198914 | |

Priority Applications (No Type Date): US 82363179 A 19820329
Cited Patents: A3...8532; No-SR.Pub; US 3635297; US 4139892; US 4180856
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| EP 90630 | A | E | 27 | | |

   Designated States (Regional): CH DE GB LI SE

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| EP 90630 | B | E | | | |

   Designated States (Regional): CH DE GB LI SE

Abstract (Basic): EP 90630 A
  The scale includes a system processor (16), a weigh device (14)
that generates wt.-indicative signals, a display and a keyboard (18)
for operator entry of information relating to the determination of
postage and one or more memories which store postage data.
  The keyboard includes non-illuminated multi-function keys, specific
keys being assigned for the entry of special services such as
registered **mail** , c.o.d., express delivery and the like. Upon
detection of a keyboard entry assigned for such purposes, the processor
(16) recalls and sequentially displays indicia of special services
previously selected by the operator and, optionally, the fee of each
selected service. The processor then re-enters the previously displayed
indicia in the display (20).
  2/5
Title Terms: POSTAGE; VALUE; DETERMINE; SYSTEM; KEYBOARD; ALLOW; OPERATE;
  ENTER; INFORMATION; MEMORY; WEIGH; DEVICE
Derwent Class: S02
International Patent Class (Additional): G01G-019/00; G06F-015/20;
  G07B-017/02
File Segment: EPI


 7/5/29      (Item 29 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

003738687
WPI Acc No: 1983-734884/198332
XRPX Acc No: N83-141518
  **Processor implemented communications interface - has external clock
  actuated disabling control for automated mailing system**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: **DANIELS E P**
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 4395756 | A | 19830726 | | | | 198332 | B |

Priority Applications (No Type Date): US 81235242 A 19810217
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| US 4395756 | A | | 13 | | |

Abstract (Basic): US 4395756 A
  The automated mailing system includes a postage value determining
system processor, a scale for providing weight indicative signals, a
keyboard for operator entry of information relating to a determination
of postage, and a number of peripheral devices. A peripheral controller
interface establishes communications links with the peripheral devices.

  An incompatible systems interface interconnects a serial
communications bus of the system processor and the peripheral
controller interface. The incompatible systems interface includes a
processor programmed to receive, decode and transmit information from
or to the system processor along the serial bus and load or receive
information from or to the peripheral controller interface along
parallel lines.
  0/7
Title Terms: PROCESSOR; IMPLEMENT; COMMUNICATE; INTERFACE; EXTERNAL; CLOCK;
  ACTUATE; DISABLE; CONTROL; AUTOMATIC; **MAIL** ; SYSTEM
Derwent Class: T01; T05
International Patent Class (Additional): G06F-003/04; G06F-015/16
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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003710839
WPI Acc No: 1983-707021/198328
XRPX Acc No: N83-119915
  **Keyboard actuated electronic mailing system - provides extra memory
  locations in directory ROM to store function identifying codes so that
  variable keyboard format suits user**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor:  **DANIELS E P**
Number of Countries: 006  Number of Patents: 003
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 83252 | A | 19830706 | | | | 198328 | B |
| US 4481587 | A | 19841106 | US 81334116 | A | 19811224 | 198447 | |
| CA 1196723 | A | 19851112 | | | | 198550 | |

Priority Applications (No Type Date): US 81334116 A 19811224
Cited Patents: 2.Jnl.Ref; US 4135662; US 4145742; US 4271481
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| EP 83252 | A | E | 49 | | |

    Designated States (Regional): DE FR GB NL

Abstract (Basic): EP 83252 A
      The keyboard (118) allows access to a given subset of the functions
    which the system can perform. Each keyswitch on the board outputs a
    separate identifying code when it is actuated. A peripheral controller
    interface (124) responds to the codes output by the keyboard to
    establish the system functions to be controlled by each separate
    keyswitch. A program PROM (124a) is loaded with the software for
    formatting the communications between the system processor (116) and
    the various peripheral devices such as postage meters (126,128).
      The fractional layout of the key switches on the keyboard is
    established by the interface and is able to be charged by substituting
    a circuit board containing the program which defines the key functions
    in the PROM (122). A service engineer is provided with a diagnostic
    program which is able to be substituted for the user program to allow
    the performance of functions which are not available to the regular
    user.
Title Terms: KEYBOARD; ACTUATE; ELECTRONIC; **MAIL** ; SYSTEM; EXTRA; MEMORY;
  LOCATE; DIRECTORY; ROM; STORAGE; FUNCTION; IDENTIFY; CODE; SO; VARIABLE;
  KEYBOARD; FORMAT; SUIT; USER
Derwent Class: T01; T04; T05
International Patent Class (Additional): G01G-019/40; G06F-003/02;
  G07B-017/00
File Segment: EPI

| Set | Items | Description |
|-----|-------|-------------|
| S1 | 1022455 | (MAIL NOT (E OR ELECTRONIC OR VOICE)) OR MAILPIECE? ? OR P-ACKAGE? ? OR PARCEL? ? OR LETTER? ? OR CARD? ? OR POSTCARD? ? |
| S2 | 4292145 | TYPE OR TYPES OR STYLE OR CLASS? OR CATEGORY OR CATEGORIES OR KIND? ? |
| S3 | 612499 | ADDRESS?? OR ZIP()CODE? ? OR DESTINATION? OR (FINAL OR END-??? OR TERMINAT?)(2N)(LOCATION? ? OR LOCALE? OR LOCALIT? OR P-LACE OR PLACES) |
| S4 | 6795016 | ASSOCIAT?? OR MATCH??? OR COMPARING OR COMPARISON? ? OR AS-SOCIATING OR CORRELAT? OR LINKED OR LINKING OR LINKAGE? OR EQ-UATE? ? OR EQUATING OR CONNECT? OR SORTS OR SORTED OR SORTING |
| S5 | 983339 | COUNT??? OR TALLY? OR TABULAT? OR (ADD?? OR ADDING OR ENUM-ERAT? OR CIPHER??? OR SUM?? OR SUMMED OR SUMMING OR MEASUR? OR NUMBER)(2W)(PIECES OR UNITS OR ITEMS OR S1) |
| S6 | 4921242 | CALCULAT? OR COMPUTED OR COMPUTAT? OR GAUG? OR DETERMIN? OR FORMULAT? OR EQUATION? ? |
| S7 | 3805822 | COST? ? OR EXPENSE? ? OR RATE OR RATES OR PRICE? ? |
| S8 | 11 | S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 |
| S9 | 3 | S8 FROM 347,350 |
| S10 | 8 | (S8 NOT S9) NOT PY>1999 |
| S11 | 8 | RD (unique items) |
| S12 | 3887905 | TYPE OR TYPES OR STYLE OR CLASS?? OR CATEGORY OR CATEGORIES OR KIND? ? |
| S13 | 475958 | ADDRESS? ? OR ADRESSEE? ? OR RECIPIENT? ? OR ZIP()CODE? ? - OR DESTINATION? OR TERMINUS OR END???(2N)(LOCATION? ? OR LOCA-LE? OR LOCALIT? OR PLACE OR PLACES) |
| S14 | 6655483 | ASSOCIAT?? OR ASSOCIATING OR MATCH??? OR COMPARING OR COMP-ARISON? ? OR CORRELAT? OR LINKED OR LINKING OR LINKAGE? OR EQ-UATE? ? OR EQUATING OR CONNECT??? OR SORTS OR SORTED OR SORTI-NG |
| S15 | 7559603 | COUNT OR COUNTS OR COUNTING OR COUNTED OR TALLY? OR TABULA-T? OR ADD?? OR ADDING OR ENUMERAT? OR CIPHER??? OR SUM?? OR S-UMMED OR SUMMING OR MEASUR? OR NUMBER |
| S16 | 70149 | S15(2N)(PIECES OR UNITS OR ITEMS OR S1) |
| S17 | 131 | (S1(5N)(S12 OR S13)) AND (S14(5N)S7) |
| S18 | 4 | S16 AND S17 |
| S19 | 1864 | (S1(5N)S14) AND S16 |
| S20 | 3220749 | DATA()(BASE OR BASES OR BANK? ? OR SYSTEM? OR NETWORK? ?) - OR DATABASE OR DATABANK OR OODB OR ARCHIV? OR REPOSITORY OR R-EPOSITORIES OR STORING OR STORAGE OR STORED OR MEMORY OR RETA-INED OR RETAINING OR RETENTION |

EKD      January 2, 2004

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S21         2    S19 AND S12 AND (S13(5N)S20)
S22   3458492    SORT? OR CLASSIF? OR COLLATE? OR COLLATING OR CATEGORIZ? OR
                 CATEGORIS? OR DISSECT? OR IDENTIF? OR DETERMIN?
S23   7776622    ASSOCIAT?? OR ASSOCIATING OR MATCH??? OR COMPARE? OR COMPA-
                 RING OR COMPARISON? ? OR CORRELAT? OR LINKED OR LINKING OR LI-
                 NKAGE? OR TYING OR TYED OR TIED OR CONNECT???
S24        17    (S1(3N)S22) AND S23(5N)(S12 AND S13 AND S15)
S25        12    S24 FROM 347,350
S26         4    (S24 NOT S25) NOT PY>1999
S27   2735049    SORT? OR CLASSIF? OR COLLATE? OR COLLATING OR CATEGORIZ? OR
                 CATEGORIS? OR DISSECT? OR DETERMIN?
S28         0    (S7(5N)S27) AND S16 AND (S13(5N)23)
S29         1    (S7(5N)S27) AND S1 AND (S13(5N)23)
S30    505410    (MAIL NOT (E OR ELECTRONIC OR VOICE)) OR MAILPIECE? ? OR P-
                 ACKAGE? ? OR PARCEL? ? OR POSTCARD? ?
S31        88    (S23(5N)(S12 AND S13 AND S15)) AND S30
S32         7    S31 AND (IC=(G06F-017/60 OR G06F-019/00) OR MC=(T01-J05A1 -
                 OR T01-J05A2 OR T05-C05 OR T05-K02))
S33      1837    (S7(5N)S27) AND (IC=(G06F-017/60 OR G06F-019/00) OR MC=(T0-
                 1-J05A1 OR T01-J05A2 OR T05-C05 OR T05-K02))
S34        65    S33 AND S30
S35        65    S34 FROM 347,350
```

9/TI,PY,AZ/1     (Item 1 from file: 350)

014128158
  Sorting **charges computing method for postal applications, involves
  storing piece** count **of each of** sorted  mailpieces **to compute**
  sorting  cost **based on preset unit** price **of each** mailpiece **and
  stored** address **information**
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 1113376 | A2 | 20010704 | EP 2000126441 | A | 20001206 | 200171 | B |
| CA 2327042 | A1 | 20010628 | CA 2327042 | A | 20001122 | 200171 | |


9/TI,PY,AZ/2     (Item 2 from file: 350)

013673771
  **Pre-certification** measuring **system of** mail **piece postal discount
  qualifications in post office,** sorts  mail **piece data and** mail **piece
  is pre-certified for qualified postal discounts**
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 6135292 | A | 20001024 | US 98217737 | A | 19981221 | 200116 | B |


9/TI,PY,AZ/3     (Item 3 from file: 350)

010836701
  **Monolithic PC audio integrated circuit - has stereo CODEC for conversion
  of digital and analogue input and output signals, and digital wave-table
  audio synthesiser for generating digital audio signals**
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| WO 9615484 | A2 | 19960523 | WO 95US14254 | A | 19951102 | 199633 | B |
| US 5581253 | A | 19961203 | US 95510139 | A | 19950803 | 199703 | |
| US 5585802 | A | 19961217 | US 94333460 | A | 19941102 | 199705 | |
| US 5589830 | A | 19961231 | US 94333467 | A | 19941102 | 199707 | |
| WO 9615484 | A3 | 19970206 | | | | 199722 | |
| US 5648778 | A | 19970715 | US 94333467 | A | 19941102 | 199734 | |
| | | | US 96683754 | A | 19960717 | | |
| EP 789868 | A1 | 19970820 | EP 95942395 | A | 19951102 | 199738 | |
| | | | WO 95US14254 | A | 19951102 | | |
| US 5659466 | A | 19970819 | US 94333536 | A | 19941102 | 199739 | |
| US 5668338 | A | 19970916 | US 94333564 | A | 19941102 | 199743 | |
| JP 10509544 | W | 19980914 | WO 95US14254 | A | 19951102 | 199847 | |
| | | | JP 96516131 | A | 19951102 | | |
| US 6058066 | A | 20000502 | US 94333451 | A | 19941102 | 200029 | |
| | | | US 97934969 | A | 19970922 | | |
| | | | US 98160992 | A | 19980925 | | |
| US 6272465 | B1 | 20010807 | US 94333451 | A | 19941102 | 200147 | |
| | | | US 97934969 | A | 19970922 | | |
| | | | US 97934969 | A | 19970922 | | |

DIALOG(R)File 350:Derwent WPIX
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013673771     **Image available**
WPI Acc No: 2001-157983/200116
XRPX Acc No: N01-114997
  **Pre-certification** measuring **system of** mail **piece postal discount
  qualifications in post office,** sorts   mail **piece data and** mail **piece
  is pre-certified for qualified postal discounts**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: PETTNER G E
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 6135292 | A | 20001024 | US 98217737 | A | 19981221 | 200116 | B |

Priority Applications (No Type Date): US 98217737 A 19981221
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| US 6135292 | A | | 7 | B07C-005/12 | |

  **Pre-certification** measuring **system of** mail **piece postal discount
  qualifications in post office,** sorts   mail **piece data and** mail **piece
  is pre-certified for qualified postal discounts**

Abstract (Basic):
...          An user interface (70) enters a set of data indicative of at
    least one postal **address** and **mail** piece thickness is measured by
    thickness **gauge** (30). A data processor (20) processes **mail** piece
    based on **address** data and measured thickness, to produce **mail** piece
    data. The **mail** piece data are **sorted** and the **mail** piece is
    pre-certified for qualified postal discounts.
...          The data processor coupled to thickness **gauge** and user
    interface, includes memory (50) to store one or more sets of data. An
    output unit (80) is coupled to the data processor to output **mail**
    piece identifier. The **mail** piece data includes **mail** piece
    **classification** , postal **rate** guidelines, **mail** piece weight
    **measurement** data. The **mail** piece identifier is an **address** label,
    container label and report. The **mail** piece thickness measurement is
    digital measurement, whose result is automatically entered in the
    processor. INDEPENDENT...

...a) **mail** piece qualification pre-certifying method...

...b) **mail** piece pre-qualification system...
...For pre-certification **measuring** of **mail** piece postal discount
    qualifications in post office...

...Relieves official postal facilities of certain **mail** handling tasks and
    enables **mail** pieces to qualify for certain postal discounts. Enables
    to accurately **determine** the thickness of **mail** piece, hence reduces
    time and **cost** **associated** with correcting the problems **associated**
    with postal service work sharing due to inaccurate **mail** piece
    thickness measurement...

...The figure shows the block diagram of **mail** piece qualification
    pre-certification measuring system...

...Thickness **gauge** (30...
...Title Terms: **MAIL** ;

01805117  ORDER NO: AADAA-I9944018
**CHILDREN IN THE MIDDLE: AN EVALUATION OF THE EFFICACY OF A MANDATED
CHILD-FOCUSED EDUCATIONAL PROGRAM FOR DIVORCING PARENTS**
   Author:  BOYOJKO, RITA ANN
   Degree:  PSY.D.
   Year:    1999
   Corporate Source/Institution:  INDIANA UNIVERSITY OF PENNSYLVANIA (0318)
   Source:  VOLUME 60/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 4203.   116 PAGES

      ...parents that specifically targeted the reduction of parental
conflict. Program participants in a small rural **county** in Pennsylvania
were compared to control participants from an adjoining **county** on a
number of different variables that research shows is **correlated** with
children's post-divorce adjustment. The dependent variables included:
conflict that pulls children into...

...demonstrated that continuing parental conflict is one of the most
important of mediating variables in **determining** the post-divorce
adjustment of children. Research further suggests that the etiology of
negative influence...
...of the children, or the inclusion of children within this parental
conflict.
      The names and **addresses** of respondents were obtained from court
records of divorce/custody filers, with **matching** procedures employed for
the **type** of filing, date, and status of filing. Procedures included the
mailing of 235 questionnaires to...

...appropriate program participants and 260 mailings to control
participants. Four separate mailings were made (introductory **postcard** ,
survey, reminder **letter** , and second survey to all nonrespondents) to
facilitate a high response **rate** .
      Participants (N = 102) were found to be demographically similar to
nonparticipants (N = 87), except that...

01797941  ORDER NO: AADAA-I9936030
**AN ANALYSIS OF CAPACITATED PACKAGING POSTPONEMENT (MANUFACTURING, SUPPLY
CHAIN)**
   Author:  GRAMAN, GREGORY ANTHONY
   Degree:  PH.D.
   Year:    1999
   Corporate Source/Institution:  UNIVERSITY OF CINCINNATI (0045)
   Source:  VOLUME 60/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 2926.   254 PAGES

      ...result in obsolete inventories of some products while stockouts of
others occur. One way to **address** this problem is through the use of
<italic> postponement</italic>, in which a product is...

...product variety. This study is cast in an environment where a consumer
item is not **packaged** for shipment to a retailer until an order is
received. A variety of packaging alternatives...

...that differ only in the quantity of the unique, common item contained in
each. This **type** of postponement is referred to as <italic>packaging
postponement </italic>. Delaying the packaging for shipment...
...done.

Mathematical models are constructed to gain insight into the effects of variability of demand, **correlated** demands, the number of products being postponed, and the **number** of **items** per product have on the benefit of postponement. A decision **cost** model is constructed to aid in **determining** when total postponement is an appropriate supply chain strategy. The effects of increasing amounts of...

...Managerial issues that influence the postponement decision and may be cumbersome to model are also **addressed** .


 11/3,K/3      (Item 3 from file: 35)
DIALOG(R)File   35:Dissertation Abs Online
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01310486   ORDER NO: AAD93-29037
**DIFFERENCES IN FINANCIALLY STRESSED AND NON-FINANCIALLY STRESSED SUBURBAN COOK COUNTY ELEMENTARY PUBLIC SCHOOL DISTRICTS: AN EX POST FACTO STUDY (SUBURBAN SCHOOL DISTRICTS, ILLINOIS, SCHOOL FUNDING)**
   Author:   GERAGHTY, BERNARD KENNETH
   Degree:   ED.D.
   Year:     1993
   Corporate Source/Institution:   UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN (0090)
   Source:   VOLUME 54/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
             PAGE 1610.   109 PAGES

**DIFFERENCES IN FINANCIALLY STRESSED AND NON-FINANCIALLY STRESSED SUBURBAN COOK COUNTY ELEMENTARY PUBLIC SCHOOL DISTRICTS: AN EX POST FACTO STUDY (SUBURBAN SCHOOL DISTRICTS, ILLINOIS, SCHOOL FUNDING)**

      ...and those districts which have not been identified as being financially stressed. The specific question **addressed** was: How are financially stressed school districts different from non-financially stressed school districts?
      Data were obtained from the Illinois State Report **Card** , the Illinois State Board of Education Data Systems Office, and the Center for Metropolitan Statistics...

...The setting for this study was the 115 elementary public school districts in suburban Cook **County** , Illinois.
      Twenty variables were analyzed to **determine** the differences that existed between financially stressed school districts and non-financially stressed school districts. The 20 variables were grouped into the following three **categories** : financial, instructional, and student. Analysis was done by using the one-tailed t-test to **determine** whether a significant difference existed between the means of the two groups. The group means were **computed** and the variation among the values in each group were examined. The coefficient of variation...

...in total expenditures per pupil, instructional expenditures per pupil, supportive services expenditures, district operating tax **rates** , and property values per pupil. There is a significant instructional difference in average years of...

...eighth grade reading scores and sixth and eighth grade mathematic scores.
      The results of the **correlation** analysis reveal a large number of significant **correlations** . This suggests that multicollinearity may be a factor in this study; therefore, limiting somewhat the...


 11/3,K/4      (Item 4 from file: 35)
DIALOG(R)File   35:Dissertation Abs Online
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894545   ORDER NO: AAD85-17716
**AN ANALYSIS OF COSTS OF PROPERTY TAX APPRAISAL IN TEXAS (BUDGET)**
   Author:  WALDEN, EARL T., JR.
   Degree:  ED.D.
   Year:    1985
   Corporate Source/Institution:  UNIVERSITY OF HOUSTON (0087)
   Source:  VOLUME 46/08-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 2437.  159 PAGES

**AN ANALYSIS OF COSTS OF PROPERTY TAX APPRAISAL IN TEXAS (BUDGET)**

     ...enacted several revisions to the tax code, the major change being
the establishment of the  **county** -wide single appraisal tax districts.
Without regulatory standards for budgeting and audit requirements, the 253
**county**  appraisal districts in Texas have demonstrated a wide range in
appraisal  **costs** . This study is concerned with the analysis of appraisal
budgets for the purpose of establishing a composite model for  **County**
Appraisal District budgets.
     The study will consider the questions:  (1) Do per **parcel   costs**
 increase with efficiency? (2) Is there a  **correlation**  between functional
budgetary expenditures? (3) Is there a uniformity of budgetary percentages
within the districts considered? (4) What is the best measure of tax  **cost**
efficiency?
     The procedures to be followed to  **address**  these research
questions will be:  (1) The selection of a ten percent sample of appraisal
...

     ...Weighted Average Level of Appraisal (WALA) within the selected range.
Uniformity measures for the various  **classes**  of property were used to
limit the sample. Selection was based on data from the...

     ...each of the selected districts and recodification into a standard format
for analysis. (3) The  **calculation**  of per  **parcel   costs**  for each of the
sample districts and compared to the State averages and each other...

     ...of the composite model budget developed by consideration of the budgets
of other districts, with  **correlation**  in ratio to their WALA rating.
     The need for a study of  **County**  Appraisal District budgets is
noted: Tom Green  **County**  has a WALA rating of .39 and Andrews  **County**  a
rating of 1.24. The  **cost**  of appraisal per  **parcel**  runs from zero to
$40.16. Appraisal ratios in Texas school districts range from 6...

     ...Lazbuddie ISD. The calls for tax equity and uniformity of appraisal
demand efficiency in appraisal  **costs** . (Abstract shortened with permission
of author.)
     ...


 11/3,K/5      (Item 5 from file: 35)
DIALOG(R)File  35:Dissertation Abs Online
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761481   ORDER NO: AAD81-25476
**THE DIFFICULTY OF TEXTBOOKS FOR THE ELEMENTARY GRADES:   A SURVEY OF
EDUCATORS' AND PUBLISHERS' PREFERENCES**
   Author:  CONARD, SUE STANKEWITZ
   Degree:  ED.D.
   Year:    1981
   Corporate Source/Institution:  HARVARD UNIVERSITY (0084)
   Source:  VOLUME 42/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 2487.  233 PAGES

     Purpose. A critical factor for both direct reading instruction and
instruction in content subject is  **matching**  the reading level of
instructional materials to characteristics of students for whom the
materials are intended. Although the concept of appropriate **match**  has

long been advocated by both theorists and reading authorities, researchers continue to suggest that the idea may not be generally applied in **classroom** practice. Considering the possibility that ideas of appropriate **match** may vary, the present study was undertaken to examine prevailing views of this concept.

Preferences...

...school textbook publishers were surveyed regarding ·reading levels of textbooks used in elementary schools. Questions **addressed** were:   (1) How important do educators and publishers consider suitable reading level--one that is **matched** to the abilities and interests of students--in the selection and production of elementary school...

...represent the entire elementary school textbook publishing industry, and 303 elementary educators (instructional specialists and **classroom** teachers) selected by a nationwide, random process and representing states according to textbook adoption procedures...

...questionnaires, first piloted by publishing representatives and two groups of teachers and specialists. Follow-up **letters** , **cards** , and telephone calls were utilized, resulting in an overall response **rate** of 63% for the study.

To analyze data, frequency distributions were **calculated** for all questions, by items, according to replies of educators and publishers and those of sub-groups. Responses between groups were examined with cross-**tabulational** analyses; chi square and Cramer's V were used as measures of association.

Findings. Suitable...

...not be fully cognizant.

Suitable reading level is considered somewhat less important by publishers in **comparison** to their other concerns than by educators in **comparison** to other textbook selection considerations.

Some differences between publishers and educators are found in preferred...

...educators prefer a slightly more difficult reading textbook for this group than do publishers.

For **classes** and various instructional groups, educators prefer textbooks for reading, science, and social studies with reading levels **matched** to the reading achievement of middle achieving students. For individuals, somewhat more difficult textbooks are...

...studies to be used in the same grade.

Experience and training are not found to **determine** preferences of educators or publishers. Urban teachers appear to prefer slightly less difficult textbooks in...

...urban teachers and, in some instances, instructional specialists prefer somewhat less difficult textbooks than do **classroom** ·teachers.

    ...


 11/3,K/6      (Item 6 from file: 35)
DIALOG(R)File  35:Dissertation Abs Online
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755955  ORDER NO: AAD81-20388
**LENGTH OF TIME FOR COLLEGE GRADUATES TO OBTAIN EMPLOYMENT AND SELECTED JOB RELATED VARIABLES**
  Author:  WILLIAMS, JOLE ANN
  Degree:  PH.D.
  Year:    1981
  Corporate Source/Institution:  THE UNIVERSITY OF NORTH DAKOTA (0156)
  Source:  VOLUME 42/04-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
           PAGE 1497.  132 PAGES

    The purpose of this study was to **determine** if there is a significant

relationship between the length of time it takes Trinity University...

...weeks later follow-up questionnaires were mailed out and two weeks later a reminder post **card** was sent to the graduates who had not returned questionnaires. Two weeks after the mailing of the post **cards** , twenty-five random telephone calls were made to graduates who had still not returned the...

...information collected was at the nominal level, the first phase of analysis was descriptive. Item **counts** were reported for each item on the questionnaire. Means, standard deviations, and **correlations** with length of time to secure employment were reported on data that can be considered to be at the interval level. Two-way **classifications** , (chi) ('2) tests, and probability levels were reported for time to secure employment for most items on the questionnaire which were nominal in nature. After the **classificatory** analyses were completed, a set-wise regression analysis was applied to the data.
   The researcher...

...become employed and the identified variables and combination of variables.
   The first set of variables **addressed** was background variables. No combination, nor any variable among these, was found to show any...

...size preference. There were significant findings for both variables. Apparently, there is a somewhat faster **rate** of employment of those who actually express a preference for geographic location.
   In **comparing** the five sets of variables, the most important with regard to length of time for...


 **11/3,K/7**  **(Item 7 from file: 35)**
DIALOG(R)File 35:Dissertation Abs Online
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753182 ORDER NO: AAD81-17669
**SELECTED FACTORS** ASSOCIATED **WITH STUDENT ENROLLMENT DECLINE IN THE CATHOLIC SCHOOL SYSTEM OF THE ARCHDIOCESE OF PHILADELPHIA**
 Author: IDIKU, PATRICK ODEY
 Degree: ED.D.
 Year: 1981
 Corporate Source/Institution: UNIVERSITY OF PENNSYLVANIA (0175)
 Source: VOLUME 42/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
   PAGE 933. 154 PAGES

**SELECTED FACTORS** ASSOCIATED **WITH STUDENT ENROLLMENT DECLINE IN THE CATHOLIC SCHOOL SYSTEM OF THE ARCHDIOCESE OF PHILADELPHIA**

 ...by school administrators of both elementary and secondary schools, pastors of all parishes, randomly selected **associate** pastors, teachers and parents from the five **counties** that make up the Archdiocesan School System of Philadelphia. Each of the sample members received two **letters** and a self- **addressed** stamped envelope enclosed with the questionnaire.
   Items pertinent to description of the sample in the...

...of education completed from elementary school education to professional school.
   Using a 4-point Likert- **type** scale, the questionnaire allowed subjects the opportunity to respond to factors they judged to be **associated** with student enrollment decline. The scale was designed to measure the respondents' degree of agreement or disagreement with 27 statements on varying items **associated** with enrollment decline.
   Factor analytic techniques were used to analyze the "factors related to decline...

...varimax rotation then produced six factors identified as scales.

Analysis of Variance was used to **determine** if the parents, school administrators, teachers, pastors and **associate** pastors have a significant relationship with Scales 1-6. An F ratio was used to **determine** the degree of significance among the groups. Following this, a range test was employed to...

...Information obtained from records revealed that there were downward trends in both birthrates and fertility **rates** . There were also decline in population in some of the **counties** . Financial problems were encountered by the Catholic School System of the Archdiocese of Philadelphia as well. All of the groups in the study agreed that parents cannot afford the rising **cost** of a Catholic school.

In conclusion, birth decline, fertility **rates** , economic crises, demographic mobility and the six factors from an attitudinal survey were all seen...

**11/3,K/8**      **(Item 1 from file: 2)**
DIALOG(R)File    2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02365674    INSPEC Abstract Number: D85000165
 **Title: The mailroom can help your business prosper**
  Author(s): Lawrence, R.C., Jr.
  Journal: The Office    vol.100, no.2    p.79-80
  Publication Date: Aug. 1984  Country of Publication: USA
  CODEN: OFISAD  ISSN: 0030-0128
  Language: English
  Subfile: D

   ...Abstract: After bursting and trimming computer output, the equipment merges and folds statements, electronically verifies item **counts** on the statement, and inserts statements and other-enclosures into envelopes. Then the system seals, meters and stacks the envelopes. **ZIP Code** presort break dividers or marks can be added automatically. Other **types** of automated equipment available includes equipment for scaling, parcelling and accounting. Electronic scales eliminate human errors in **calculating** postage and shipping **rates** , and can be used to make **cost comparisons** among the alternate modes of delivery. Electronic **parcel** processing systems are designed so that one person can accomplish within seconds all the procedures for shipping a **package** . They have an automatic printer for recording shipping information on invoices and bills of lading...
   ...Identifiers: **parcel** processing systems

18/3,K/1      (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

014384616     **Image available**
WPI Acc No: 2002-205319/200226
Related WPI Acc No: 2001-441068; 2001-441069; 2001-441070; 2001-441073;
  2001-451231; 2001-521561; 2001-535845; 2002-164832; 2002-164835;
  2002-172050; 2002-172052; 2002-195160; 2003-167990
XRPX Acc No: N02-156299
  **Demand usable adapter memory access management method involves
  determining whether adapter memory segment offset is suitable, and
  converting it to system address**
Patent Assignee: WEST K K (WEST-I); WEST L P (WEST-I)
Inventor: WEST K K; WEST L P
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 20020016899 | A1 | 20020207 | US 2000220748 | P | 20000726 | 200226 | B |
| | | | US 2000220974 | P | 20000726 | | |
| | | | US 2001912954 | A | 20010725 | | |

Priority Applications (No Type Date): US 2001912954 A 20010725; US
  2000220748 P 20000726; US 2000220974 P 20000726
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| US 20020016899 | A1 | | 9 | G06F-012/10 | Provisional application US 2000220748 |
| | | | | | Provisional application US 2000220974 |

Abstract (Basic):
...        offsets is scanned, to determine whether adapter memory segment
    offset is suitable based on memory **card  address** access request. The
    suitable offset is converted into a system address through which the
    processor...
...        Facilitates total utilization of RAM located on adapter cards,
    thereby reduces **cost** and alleviates space constraints **associated**
    with **adding** RAM adapter **cards** .


 18/3,K/2      (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

013673771     **Image available**
WPI Acc No: 2001-157983/200116
XRPX Acc No: N01-114997
  **Pre-certification measuring system of mail piece postal discount
  qualifications in post office, sorts mail piece data and mail piece is
  pre-certified for qualified postal discounts**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: PETTNER G E
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 6135292 | A | 20001024 | US 98217737 | A | 19981221 | 200116 | B |

Priority Applications (No Type Date): US 98217737 A 19981221
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| US 6135292 | A | | 7 | B07C-005/12 | |

  **Pre-certification** measuring **system of** mail **piece postal discount
  qualifications in post office, sorts mail piece data and mail piece is...**

EKD      January 2, 2004

Abstract (Basic):
... An user interface (70) enters a set of data indicative of at
least one postal **address** and **mail** piece thickness is measured by
thickness gauge (30). A data processor (20) processes **mail** piece
based on **address** data and measured thickness, to produce mail piece
data. The mail piece data are sorted...
... output mail piece identifier. The mail piece data includes mail
piece classification, postal rate guidelines, **mail** piece weight
measurement data. The **mail** piece identifier is an **address** label,
container label and report. The **mail** piece thickness **measurement** is
digital measurement, whose result is automatically entered in the
processor. INDEPENDENT CLAIMS are also...

...For pre-certification **measuring** of **mail** piece postal discount
qualifications in post office...

...postal discounts. Enables to accurately determine the thickness of mail
piece, hence reduces time and **cost** **associated** with correcting the
problems **associated** with postal service work sharing due to
inaccurate **mail** piece thickness **measurement** .

**18/3,K/3** **(Item 1 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00116348 DOCUMENT TYPE: Review

**PRODUCT NAMES: Company--priceline.com Inc (867799)**

**TITLE: Trying Priceline.com's Patent Medicine**
AUTHOR: Gimein, Mark
SOURCE: Industry Standard, v2 n12 p22(2) Apr 12, 1999
ISSN: 1098-9196
HOMEPAGE: http://www.thestandard.com

RECORD TYPE: Review
REVIEW TYPE: Company

REVISION DATE: 20020703

...user bids for airline tickets, cars, mortgages, and hotel rooms, and the
company plans to **add** credit **card** services and other **categories** to the
wildly successful launch of offered services and goods. Though
Priceline.com has an uphill battle ahead in competing with markets that
contain buyers and sellers **matching** **prices** via complex financial rules
and interactions, many users experience great deals already. One example is
...

**18/3,K/4** **(Item 1 from file: 233)**
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 EBSCO Pub. All rts. reserv.

00399578 95CZ10-003
**Quad-speed drives at last: whirlwind-fast CD-ROM drives touch down at
less than $200**
Poor, Alfred
Computer Life , October 1, 1995 , v2 n10 p90-100, 7 Page(s)
ISSN: 1076-9862
Company Name: Plextor
Product Name: Plextor PX-43CS-256

Presents a buyers' guide to quad-speed CD-ROM drives. Features a table
**comparing** the rating, average street **price** , interface, interface **card**

, **number** of audio cables included, **type** of unit, software included, warranty, and technical support of eight products from eight companies. Given...

21/3,K/1      (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

02681638      **Image available**
FAULT DATA TRACE CARD

PUB. NO.:      63-298538  [JP 63298538  A]
PUBLISHED:     December 06, 1988 (19881206)
INVENTOR(s):   MURATA HIROSHI
APPLICANT(s):  NEC CORP [000423] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:     62-131495  [JP 87131495]
FILED:         May 29, 1987 (19870529)
JOURNAL:       Section: P, Section No. 849, Vol. 13, No. 129, Pg. 41, March
               30, 1989 (19890330)

ABSTRACT
... occurs in a microprocessor by always tracing the operation of the
microprocessor in a memory **card** , writing the **number** of arbitrary byte
in the memory card at the time of occurring abnormality, thereafter, a...

... an attachable/detachable memory card 13 for tracing the operation of a
microcomputer built-in **type** device by writing an address and a data
outputted from the microcomputer built-in **type** device, and a sample
signal selecting circuit 23 for selecting a signal which is brought to
sample from the microcomputer built-in **type** device in order to write the
**address** and the data to this **memory** card 13. Also, this **card** is
provided with address **comparing** circuits 26, 27 and a data comparing
circuit 25, a write stop trigger selecting circuit...


21/3,K/2      (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

007486861     **Image available**
WPI Acc No: 1988-120794/198818
XRPX Acc No: N88-091702
   **Automatic interface card addressing arrangement for data processor -
   computes random address for each card in initialising sequence and uses
   address to decode address bus**
Patent Assignee: IBM CORP (IBMC  )
Inventor: LEOTATRD R L; LOUIS P P R; MONTANARI G M
Number of Countries: 011  Number of Patents: 004
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 265575 | A | 19880504 | EP 86430046 | A | 19861030 | 198818 | B |
| US 4964038 | A | 19901016 | US 87113310 | A | 19871028 | 199044 | N |
| EP 265575 | B | 19920129 | | | | 199205 | |
| DE 3683778 | G | 19920312 | | | | 199212 | |

Priority Applications (No Type Date): EP 86430046 A 19861030; US 87113310 A
   19871028
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| EP 265575 | A | E | 11 | | |

   Designated States (Regional): BE CH DE ES FR GB IT LI NL SE

| EP 265575 | B | | | | |
|---|---|---|---|---|---|

   Designated States (Regional): BE CH DE ES FR GB IT LI NL SE

...Abstract (Basic): communicates via the address bus (306), data bus (305)
   and control bus (307) with a **number** of interface **cards** (as 310).
   Each **card** is **associated** with a respective slave microprocessor
   (311), address register (401) and comparator (410) for decoding the...
...Abstract (Equivalent): one interface card (310) including: - means (460)


                         EKD      January 2, 2004

for storing a card identifier designating the respective **type** of interface card, - means (311) active during an initialisation sequence for generating a random address...

...of said card identifier storing means (460), - means (401) active during said initialisation sequence for **storing** a relevant **address** assigned by said data processing system during said initialisation sequence, characterised in that said data...

25/TI,PY,AZ/1      (Item 1 from file: 347)

04205822
SORTING ARITHMETIC PROCESSOR

PUBLISHED:     August 06, 1993 (19930806)


25/TI,PY,AZ/2      (Item 2 from file: 347)

04160478
SEMICONDUCTOR DEVICE

PUBLISHED:     June 18, 1993 (19930618)


25/TI,PY,AZ/3      (Item 1 from file: 350)

015032581
  Novel caspase recruitment domain-12, CARD-12, polypeptide useful for
  treating inflammatory disorders and immune disorders e.g., Crohn's
  disease, diabetes, multiple sclerosis, Hashimoto's thyroiditis and
  Grave's disease
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| WO 200285939 | A1 | 20021031 | WO 2002US13009 | A | 20020424 | 200308 | B |


25/TI,PY,AZ/4      (Item 2 from file: 350)

014398400
  Wolfdales Wordwide Club Identity and Shop Discount Card for use as, e.g.
  a credit/debit card, comprises the cardholder's information in the form
  of a barcode
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| GB 2363358 | A | 20011219 | GB 20017478 | A | 20010326 | 200228 | B |
| GB 2363358 | B | 20021106 | GB 20017478 | A | 20010326 | 200281 | |


25/TI,PY,AZ/5      (Item 3 from file: 350)

013824416
  Isolated caspase recruitment domain-12 polypeptide and nucleic acids
  encoding them, useful for treating and diagnosing disorders associated
  with abnormal apoptosis such as cancer, arthritis and Alzheimer's disease
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| WO 200130971 | A2 | 20010503 | WO 2000US29643 | A | 20001026 | 200132 | B |
| AU 200112382 | A | 20010508 | AU 200112382 | A | 20001026 | 200149 | |
| US 20020034784 | A1 | 20020321 | US 99161822 | P | 19991027 | 200224 | |
| | | | US 2000697089 | A | 20001026 | | |
| | | | US 2001841739 | A | 20010424 | | |
| EP 1228090 | A2 | 20020807 | EP 2000973940 | A | 20001026 | 200259 | |
| | | | WO 2000US29643 | A | 20001026 | | |
| US 20030190679 | A1 | 20031009 | US 99161822 | P | 19991027 | 200367 | |
| | | | US 2000697089 | A | 20001026 | | |
| | | | US 2001841739 | A | 20010424 | | |
| | | | US 2003449315 | A | 20030530 | | |

25/TI,PY,AZ/6      (Item 4 from file: 350)

013697308
  Program product with structure and protocol for routing information for
  pointer based computer system, has routing information with several parts
  and  package  directory  identifying  each part used by package manager
Patent Family:
Patent No     Kind   Date     Applicat No    Kind   Date       Week
US 6173335    B1    20010109  US 9399841     A     19930730   200118  B


25/TI,PY,AZ/7      (Item 5 from file: 350)

011262079
  Video encoding system used in  mail   sorter . - uses judgement part to
  verify validity of i/p user code, by  comparing  it against contents of
  address  database.
Patent Family:
Patent No     Kind   Date     Applicat No    Kind   Date       Week
JP 9075862    A     19970325  JP 95238286    A     19950918   199722  B


25/TI,PY,AZ/8      (Item 6 from file: 350)

010611596
  Package mounting type data processor - has control device which outputs
  address corresponding to amount of interruption generated by interruption
  terminal, when package is inserted
Patent Family:
Patent No     Kind   Date     Applicat No    Kind   Date       Week
JP 7319798    A     19951208  JP 94108149    A     19940523   199612  B


25/TI,PY,AZ/9      (Item 7 from file: 350)

009223564
  Bar-code translation for deferred optical character recognition mail
  processing - allowing use of local formats of bar-code reading and
  sorting  of  mail  pieces during incoming  sort
Patent Family:
Patent No     Kind   Date     Applicat No    Kind   Date       Week
EP 509280     A2    19921021  EP 92105137    A     19920325   199243  B
JP 4338271    A     19921125  JP 9228657     A     19920215   199302
US 5249687    A     19931005  US 91690175    A     19910419   199341
EP 509280     A3    19930505  EP 92105137    A     19920325   199402
EP 509280     B1    19960911  EP 92105137    A     19920325   199641
DE 69213532   E     19961017  DE 613532      A     19920325   199647
                             EP 92105137    A     19920325


25/TI,PY,AZ/10       (Item 8 from file: 350)

008998043
  Preparing validated mail tray labels -  where mailed letters are
  addresses with printer and sorted into mailing trays which have mailing
  lable printed for them by system
Patent Family:
Patent No     Kind   Date     Applicat No    Kind   Date       Week
EP 480684     A     19920415  EP 91309229    A     19911008   199216  B
CA 2052903    A     19920410  CA 2052903     A     19911007   199226
EP 480684     A3    19920909  EP 91309229    A     19911008   199338

```
US 5329102      A   19940712  US 90594515   A   19901009  199427
CA 2052903      C   19951212  CA 2052903    A   19911007  199611
EP 480684       B1  19960320  EP 91309229   A   19911008  199616
DE 69118084     E   19960425  DE 618084     A   19911008  199622
                              EP 91309229   A   19911008
```

007624812
**Desk top computer with optional plug-in facility cards - automatically configures system for inserted cards each time machine is powered up**
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 281999 | A | 19880914 | EP 88103609 | A | 19880308 | 198837 | B |
| GB 2202350 | A | 19880921 | GB 885328 | A | 19880307 | 198838 | |
| DE 3808168 | A | 19880922 | DE 3808168 | A | 19880311 | 198839 | |
| NL 8800598 | A | 19881003 | | | | 198843 | |
| FR 2612313 | A | 19880916 | | | | 198844 | |
| AU 8812738 | A | 19880915 | | | | 198845 | |
| NO 8800605 | A | 19881010 | | | | 198846 | |
| BR 8801091 | A | 19881018 | | | | 198847 | |
| FI 8800656 | A | 19880914 | | | | 198848 | |
| DE 3808168 | C | 19881222 | | | | 198851 | |
| DK 8801358 | A | 19880914 | | | | 198903 | |
| CN 8800762 | A | 19881123 | | | | 198944 | |
| BE 1001459 | A | 19891107 | BE 8826 | A | 19880111 | 198947 | |
| GB 2202350 | B | 19910724 | | | | 199130 | |
| US 5038320 | A | 19910806 | US 89297387 | A | 19890106 | 199134 | |
| IT 1216768 | B | 19900308 | | | | 199207 | |
| NL 189101 | B | 19920803 | NL 88598 | A | 19880310 | 199234 | |
| IL 85146 | A | 19921230 | IL 85146 | A | 19880120 | 199309 | |
| EP 281999 | B1 | 19930602 | EP 88103609 | A | 19880308 | 199322 | |
| DE 3881414 | G | 19930708 | DE 3881414 | A | 19880308 | 199328 | |
| | | | EP 88103609 | A | 19880308 | | |
| ES 2041715 | T3 | 19931201 | EP 88103609 | A | 19880308 | 199401 | |
| NO 175879 | B | 19940912 | NO 88605 | A | 19880211 | 199436 | |
| DK 169366 | B | 19941010 | DK 881358 | A | 19880311 | 199439 | |
| FI 93585 | B | 19950113 | FI 88656 | A | 19880212 | 199508 | |
| CA 1335843 | C | 19950606 | CA 557756 | A | 19880129 | 199530 | |
| US 5491804 | A | 19960213 | US 8721391 | A | 19870313 | 199612 | |
| | | | US 89296387 | A | 19890106 | | |
| | | | US 91637411 | A | 19910104 | | |
| KR 9508223 | B1 | 19950726 | KR 882620 | A | 19880312 | 199717 | |
| JP 9330151 | A | 19971222 | JP 9357146 | A | 19871215 | 199810 | |
| | | | JP 9760897 | A | 19871215 | | |
| PH 28319 | A | 19940616 | PH 36434 | A | 19880129 | 199838 | |
| JP 3030342 | B2 | 20000410 | JP 9357146 | A | 19871215 | 200023 | |
| | | | JP 9760897 | A | 19871215 | | |

003331590
**Post code recognising system - computes similarity differences for letters and numerals read from postal address on basis of stored standard patterns**
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 54842 | A | 19820630 | | | | 198227 | B |
| US 4484348 | A | 19841120 | US 81233229 | A | 19811218 | 198449 | |
| EP 54842 | B | 19860416 | | | | 198616 | |
| DE 3174426 | G | 19860522 | | | | 198622 | |

25/3,K/1      (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04205822     **Image available**
SORTING ARITHMETIC PROCESSOR

PUB. NO.:      05-197522  [JP 5197522 A]
PUBLISHED:     August 06, 1993 (19930806)
INVENTOR(s):   KASAHARA YASUNORI
APPLICANT(s):  MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or
               Corporation), JP (Japan)
APPL. NO.:     04-007598  [JP 927598]
FILED:         January 20, 1992 (19920120)
JOURNAL:       Section: P, Section No. 1645, Vol. 17, No. 621, Pg. 163,
               November 16, 1993 (19931116)

                          ABSTRACT
PURPOSE: To  decrease  the  total  number  of sorting processors which are
linearly **connected**  and  the total **number**  of 2nd storage devices which
are  connected  to  the  sorting  processors by incorporating a 1st storage
device and plural **sorting** cores in one **package** .

 25/3,K/6      (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

013697308     **Image available**
WPI Acc No: 2001-181532/200118
XRPX Acc No: N01-129450
   **Program product with structure and protocol for routing information for
   pointer based computer system, has routing information with several parts
   and package directory identifying each part used by package manager**
Patent Assignee: APPLE COMPUTER INC (APPY  )
Inventor: CULBERT D J; WELLAND R V
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| US 6173335 | B1 | 20010109 | US 9399841 | A | 19930730 | 200118 | B |

Priority Applications (No Type Date): US 9399841 A 19930730
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| US 6173335 | B1 | | 22 | G06F-009/00 | |

... **for routing information for pointer based computer system, has routing
   information with several parts and** package **directory** identifying **each
   part used by package manager**

Abstract (Basic):
...          packages with necessary routing information. Packages have one
   or more parts, each contiguous part with **associated** part **kind** and
   part **type** attributes and a package directory. Part kind attribute
   describes part either as a high level...
...          or a computer network. Information references or pointers
   describing the location of data characterizing the **package** by
   **identifying** offset between a fixed point in the package and the
   beginning of the data and the size of the data. **Package** header
   includes an **identifier** of 8-bytes length which indicates that the
   succeeding material is a package. INDEPENDENT CLAIMS...

...Routing system maintains association between the information, its
   destination and structure without intervention of router. **Package**
   directory **identifies** the **package** and provides key information about

                    EKD     January 2, 2004

package and its parts. Routing protocol allows information from any...


 25/3,K/7       (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

011262079     **Image available**
WPI Acc No: 1997-239982/199722
XRPX Acc No: N97-198230
  **Video encoding system used in**  mail   sorter . - **uses judgement part to**
  **verify validity of i/p user code, by**  comparing  **it against contents of**
  **address  database.**
Patent Assignee: TOSHIBA KK (TOKE  ); TOSHIBA SOFTWARE ENG KK (TOSH-N)
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No     Kind   Date     Applicat No    Kind   Date      Week
JP 9075862     A    19970325  JP 95238286     A    19950918  199722  B

Priority Applications (No Type Date): JP 95238286 A 19950918
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
JP 9075862     A        8 B07C-003/18

  **Video encoding system used in**  mail   sorter . - ...

...**uses judgement part to verify validity of i/p user code, by**  comparing
  **it against contents of**  address  **database.**


 25/3,K/8       (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

010611596     **Image available**
WPI Acc No: 1996-108549/199612
XRPX Acc No: N96-090809
  **Package mounting type data processor - has control device which outputs**
  **address corresponding to amount of interruption generated by interruption**
  **terminal, when package is inserted**
Patent Assignee: NEC CORP (NIDE  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No     Kind   Date     Applicat No    Kind   Date      Week
JP 7319798     A    19951208  JP 94108149     A    19940523  199612  B

Priority Applications (No Type Date): JP 94108149 A 19940523
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
JP 7319798     A        9 G06F-013/14

...Abstract (Basic): The data processor has a control unit which is
   **connected**  to a data bus terminal, **address**  bus terminal and slot
   address terminal. The slot number is input through slot address
   terminal...
...out the number of input slots by interrupting the terminal. A comparator
   circuit is also **connected**  to the slot **address**  terminal and address
   bus terminal. The output of the comparator is fed to an identifier...

...the control device. The control device outputs an address which
   corresponds to generated interruption. The **package**   **identifier**
   decides the kind of package, based on the address...


 25/3,K/9       (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009223564   **Image available**
WPI Acc No: 1992-350985/199243
XRPX Acc No: N92-267599

**Bar-code translation for deferred optical character recognition mail processing - allowing use of local formats of bar-code reading and** sorting of mail **pieces during incoming** sort

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC  ); IBM CORP (IBMC  )
Inventor: ANKERSTJERNE A; CARRIS B T; ROSENBAUM W S
Number of Countries: 006   Number of Patents: 006
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 509280 | A2 | 19921021 | EP 92105137 | A | 19920325 | 199243 | B |
| JP 4338271 | A | 19921125 | JP 9228657 | A | 19920215 | 199302 | |
| US 5249687 | A | 19931005 | US 91690175 | A | 19910419 | 199341 | |
| EP 509280 | A3 | 19930505 | EP 92105137 | A | 19920325 | 199402 | |
| EP 509280 | B1 | 19960911 | EP 92105137 | A | 19920325 | 199641 | |
| DE 69213532 | E | 19961017 | DE 613532 | A | 19920325 | 199647 | |
| | | | EP 92105137 | A | 19920325 | | |

Priority Applications (No Type Date): US 91690175 A 19910419
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| EP 509280 | A2 | E | 24 | B07C-003/00 | |
| JP 4338271 | A | | 15 | B07C-003/18 | |
| US 5249687 | A | | 22 | B07C-005/02 | |
| EP 509280 | B1 | E | 26 | B07C-003/00 | |

   Designated States (Regional): DE DK FR GB

| | | | | | |
|---|---|---|---|---|---|
| DE 69213532 | E | | | B07C-003/00 | Based on patent EP 509280 |
| EP 509280 | A3 | | | B07C-003/00 | |

... **allowing use of local formats of bar-code reading and** sorting of
  mail **pieces during incoming** sort

...Abstract (Basic): the first sorting device (37'). The destination
   address is stored in the memory and the **mail** piece is **identified** at
   the distribution station by reading the indicum...

...is printed onto the main piece. The printed sort code is read in a
   second **sorter** (206) and the **mail** piece is **sorted** to the
   destination location...

...ADVANTAGE - Allows OCR encoded mail to be processed along with other
   types of encoded **mail** during standard **sort** bar-code that has been
   imprinted using prior technology
...Abstract (Equivalent): whose image is character recognized to produce
   destination address data (42,44,44') which is **associated** with an
   identification **number** (24') encoded as an indicium (24) onto the mail
   piece, the destination address data being...

...to said first sorting device (37'); storing said destination address
   data in said computer memory; **identifying** said **mail** piece at said
   distribution station by reading said indicium thereon; accessing said
   destination address data...

...address data into a local sort code (200) using said translation tables;
   printing said local **sort** code onto said **mail** piece; reading said
   printed local sort code in a second sorter (206) and **sorting** the
   **mail** piece to the destination location
...Abstract (Equivalent): formats which are common to a given destination
   postal system. This enables deferred OCR processed **mail** to be **sorted**
   on an unsegregated basis along with other types of mail which have not
   been processed...

...This allows the OCR encoded mail to be processed along with other types

of encoded **mail** during standard **sort** barcode that has been
imprinted using prior technology such as OCR or manual code desks...

...code using the translation tables. A sorter then reads the printed local
sort code and **sorts** the **mail** piece down to carrier. The translation
tables in local sorting information having a carrier code


**25/3,K/10    (Item 8 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

008998043    **Image available**
WPI Acc No: 1992-125316/199216
XRPX Acc No: N92-093707
  **Preparing validated mail tray labels - where mailed letters are**
  **addresses with printer and sorted into mailing trays which have mailing**
  **lable printed for them by system**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: SANSONE R P
Number of Countries: 006  Number of Patents: 007
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 480684 | A | 19920415 | EP 91309229 | A | 19911008 | 199216 | B |
| CA 2052903 | A | 19920410 | CA 2052903 | A | 19911007 | 199226 | |
| EP 480684 | A3 | 19920909 | EP 91309229 | A | 19911008 | 199338 | |
| US 5329102 | A | 19940712 | US 90594515 | A | 19901009 | 199427 | |
| CA 2052903 | C | 19951212 | CA 2052903 | A | 19911007 | 199611 | |
| EP 480684 | B1 | 19960320 | EP 91309229 | A | 19911008 | 199616 | |
| DE 69118084 | E | 19960425 | DE 618084 | A | 19911008 | 199622 | |
| | | | EP 91309229 | A | 19911008 | | |

Priority Applications (No Type Date): US 90594515 A 19901009
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| EP 480684 | A | E | 7 | | |
| Designated States (Regional): DE FR GB SE | | | | | |
| US 5329102 | A | | 6 | G06F-015/20 | |
| EP 480684 | B1 | E | 8 | G07B-017/02 | |
| Designated States (Regional): DE FR GB SE | | | | | |
| DE 69118084 | E | | | G07B-017/02 | Based on patent EP 480684 |
| CA 2052903 | A | | | G06K-017/00 | |
| CA 2052903 | C | | | G06K-017/00 | |

...Abstract (Basic): sanitizer programs are stored in the mailer's
   processor (18, 20), and are used to **sort** the **mail** to achieve postal
   discounts...
...Abstract (Equivalent): sanitizer programs are stored in the mailer's
   processor (18, 20), and are used to **sort** the **mail** to achieve postal
   discounts...

...the weight to said controller whereby said controller determines the
   amount of postage required, and **compares** the **measured** weight with
   weight calculated by mailing and insert information received from said
   inserter...
...Abstract (Equivalent): by a mailer and placed in a tray. Mail lists and
   programs for sanitizing the **mail** list and **sorting** the **mail** to
   achieve postal discounts are stored in a mailer's processor. A printer
   is controlled...

...stored in the processor indicates where the mail is to be sent, the
   class of **mail** , level of **sortition** and the contents of the mail.
   Tray contents are computed and appropriate labels are prepared...


**25/3,K/12    (Item 10 from file: 350)**

003331590
WPI Acc No: 1982-H9603E/198227
  **Post code recognising system - computes similarity differences for
  letters and numerals read from postal address on basis of stored standard
  patterns**
Patent Assignee: TOKYO SHIBAURA DENKI KK (TOKE  )
Inventor: SHIZUNO M
Number of Countries: 006   Number of Patents: 004
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 54842 | A | 19820630 | | | | 198227 | B |
| US 4484348 | A | 19841120 | US 81233229 | A | 19811218 | 198449 | |
| EP 54842 | B | 19860416 | | | | 198616 | |
| DE 3174426 | G | 19860522 | | | | 198622 | |

Priority Applications (No Type Date): JP 80181612 A 19801222
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| EP 54842 | A | E | 18 | | |

  Designated States (Regional): DE FR GB IT NL

| | | | | | |
|---|---|---|---|---|---|
| EP 54842 | B | E | | | |

  Designated States (Regional): DE FR GB IT NL

...Abstract (Basic): including the post code and provides corresponding
  signals which are quantised. A similarity computing section **determines**
  similarities between each **letter** pattern from section relative to
  numerals and letter using the respective thesauruses. The resulting
  output...

...first candidate characters of the highest numeric and alphabetic
  similarities. A format judgement section is **connected** to the
  detecting section and **category** judgement section to **compare** the
  **category** with a series supplied from a format table.
...Abstract (Equivalent): including the post code and provides
  corresponding signals which are quantised. A similarity computing
  section **determines** similarities between each **letter** pattern from
  section relative to numerals and letter using the respective
  thesauruses. The resulting output...

...first candidate characters of the highest numeric and alphabetic
  similarities. A format judgement section is **connected** to the
  detecting section and **category** judgement section to **compare** the
  **category** with a series supplied from a format table.
...Abstract (Equivalent): The similarity difference thus obtained and a
  corresponding threshold level in the threshold table are **compared** to
  judge the **category** of the letter. A format table is included where a
  predetermined category series is stored. The category supplied from the
  detecting section and **category** judgement section **connected** thereto
  is **compared** to the **category** series supplied from the format table
  ...

26/3,K/1        (Item 1 from file: 256)

01607533          DOCUMENT TYPE:   Product

**PRODUCT NAME:  Member Tender II Membership Management System (607533)**

Dynacomp Inc (095443)
4560 E Lake Rd
Livonia, NY  14487  United States
TELEPHONE:  (585) 346-9788

RECORD TYPE:  Directory

CONTACT:  Sales Department

REVISION DATE:  20010530

...addition to a relational database structure which permits unlimited
membership lists along with an unlimited **number** of **associated**
organizations and profile codes. The user- friendly display features
include logically arranged menus with point...

...and windowed displays. Member Tender users define their own membership
reports, prepare summarized revenue reports, **sort** mailing lists and **mail**
- merge with letters, have two addresses for each member, enter several
pages of comments per...


26/3,K/2        (Item 1 from file: 35)

01635392   ORDER NO: AAD98-26751
**COMPARISON OF ATTENTIONAL PROCESSES BETWEEN THE TWO SUBTYPES OF ATTENTION
DEFICIT HYPERACTIVITY DISORDER (NEUROPSYCHOLOGY, EXECUTIVE FUNCTIONS)**
    Author:  HARRISON, TERRY ELIZABETH
    Degree:  ED.D.
    Year:    1997
    Corporate Source/Institution:  NORTHERN ARIZONA UNIVERSITY (0391)
    Source:  VOLUME 59/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
             PAGE 723.  110 PAGES

        ...Test and the Letter Cancellation Test. Likewise, no significant
differences emerged when the groups were **compared** on neuropsychological
**measures** of sustained and shifting attention (Continuous Performance Test,
Children's Category Test, and Wisconsin **Card  Sorting** Test). These
results suggest that children diagnosed with ADHD-Combined and
ADHD-Inattentive are not...


26/3,K/3        (Item 2 from file: 35)

01089639   ORDER NO: AAD90-03483
**COGNITIVE DYSFUNCTION ASSOCIATED WITH CHRONIC OR RECURRENT INFECTION WITH
EPSTEIN-BARR VIRUS (VIRUS)**
    Author:  ESTES, ANNE LYNNETTE
    Degree:  PH.D.
    Year:    1989
    Corporate Source/Institution:  THE UNIVERSITY OF ARIZONA (0009)
    Source:  VOLUME 50/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
             PAGE 3855.  95 PAGES

...Barr Virus (EBV) infection were compared with 22 controls to assess cognitive dysfunction. Subjects were **compared** on 15 **measures** of cognitive functioning from the Boston Diagnostic Aphasia Examination, Perceptual Speed, Wechsler Adult Intelligence Scale-Revised, Finger Tapping Test, Stroop Test, Trail-Making Test, Wisconsin **Card Sorting** Test and Revised Wechsler Memory Scale. They also were **compared** on **measures** of depression including the Beck Depression Inventory, Minnesota Multiphasic Personality Inventory (MMPI) depression subscale and...

...of the Stroop Test and total number of errors and perseverative errors on the Wisconsin **Card Sorting** Test. The Beck Depression Inventory was included to statistically remove depression effects from cognitive performances...

26/3,K/4      (Item 1 from file: 2)
DIALOG(R)File    2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

00772021    INSPEC Abstract Number: C75013893
 Title: **Problems of pattern recognition in automatic** letter   sorting
  Author(s): Meyer-Broetz, G.; Schuermann, J.
  Author   Affiliation: AEG  Telefunken-Forschungsinst.,  Ulm/Donau,  West Germany
  Journal: Technische Mitteilungen PTT    vol.53, no.2    p.44-53, 61
  Publication Date: 1975  Country of Publication: Switzerland
  CODEN: TMPTAJ  ISSN: 0040-1471
  Language: German; French
  Subfile: B C

 Title: **Problems of pattern recognition in automatic** letter   sorting
  Abstract:   In  large  post  offices  semi-automatic  **letter**    **sorting** installations  are  used  where  the operator adds the postcode on outgoing mail and the coded...

... of  pattern  recognition  problems  and  their  solution.  Individual characters  are  classified  by  prognostication  procedure;  for  **address** interpretation  and  **comparison**  an  index  of  place and  street names is used, differentiation in case of ambiguity being...
   ...Identifiers: automatic  **letter**   **sorting** ;

01513887    **Image available**
PATTERN RECOGNIZING SYSTEM

PUB. NO.:     59-225487  [JP 59225487  A]
PUBLISHED:    December 18, 1984 (19841218)
INVENTOR(s):  IKEDA OSAMU
              KAWAMATA FUMIO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
              (Japan)
APPL. NO.:    58-101158  [JP 83101158]
FILED:     .  June 07, 1983 (19830607)
JOURNAL:      Section: P, Section No. 353, Vol. 09, No. 101, Pg. 98, May
              02, 1985 (19850502)

ABSTRACT

PURPOSE: To improve the **rate** of recognition and to **sort** a **mail** or the
like with high accuracy by deciding required information for sorting with
the recognition...

...S2 when both upper 2-digits are the numeral recognition information by a
comparator circuit · **23** and outputs a prescribed **address** as the address
S3 when either of both upper 2-digit is not numeric information.
Information S4 required for sorting the **mail** is outputted according to
the address S3.

32/TI,PY,AZ/1        (Item 1 from file: 347)

07679608
CELLULAR   PHONE   APPLICATION METHOD AND ITS SYSTEM IN POINT CARD SYSTEM AND
CELLULAR PHONE  **CONNECTION**   **TYPE**  READER/ WRITER

PUBLISHED:    June 20, 2003 (20030620)


32/TI,PY,AZ/2        (Item 1 from file: 350)

011262079
   Video encoding system used in  mail  sorter. - uses judgement part to
   verify validity of i/p user code, by  comparing  it against contents of
   address  database.
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 9075862 | A | 19970325 | JP 95238286 | A | 19950918 | 199722 | B |


32/TI,PY,AZ/3        (Item 2 from file: 350)

010757316
   Address recognition method for automatic  mail  processing system -
   involves using address recognition part which detects town code and
   dwelling display number and produces full address
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 8103730 | A | 19960423 | JP 95194544 | A | 19950731 | 199626 | B |
| CN 1148221 | A | 19970423 | CN 95116347 | A | 19950808 | 200109 | |
| KR 286163 | B | 20010416 | KR 9524342 | A | 19950807 | 200218 | |


32/TI,PY,AZ/4        (Item 3 from file: 350)

009941224
   Automated system for  mail  preparation and record keeping - uses data
   processor storing program instructions and data including postage fees
   for printing onto continuous mailing forms
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 5325303 | A | 19940628 | US 89406732 | A | 19890913 | 199425 | B |
| | | | US 9322185 | A | 19930225 | | |


32/TI,PY,AZ/5        (Item 4 from file: 350)

009431841
   Continuous mailing forms and mailing preparation system - has data
   processor storing postage fees and receiving names and addresses to which
   items are to be mailed computing required postage fee and printing names
   and addresses on successive forms
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 5190210 | A | 19930302 | US 89406732 | A | 19890913 | 199315 | B |


32/TI,PY,AZ/6        (Item 5 from file: 350)

009223564

**Bar-code translation for deferred optical character recognition mail processing - allowing use of local formats of bar-code reading and sorting of mail pieces during incoming sort**

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 509280 | A2 | 19921021 | EP 92105137 | A | 19920325 | 199243 | B |
| JP 4338271 | A | 19921125 | JP 9228657 | A | 19920215 | 199302 | |
| US 5249687 | A | 19931005 | US 91690175 | A | 19910419 | 199341 | |
| EP 509280 | A3 | 19930505 | EP 92105137 | A | 19920325 | 199402 | |
| EP 509280 | B1 | 19960911 | EP 92105137 | A | 19920325 | 199641 | |
| DE 69213532 | E | 19961017 | DE 613532 | A | 19920325 | 199647 | |
| | | | EP 92105137 | A | 19920325 | | |


**32/TI,PY,AZ/7      (Item 6 from file: 350)**

DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

008998043

**Preparing validated mail tray labels - where mailed letters are addresses with printer and sorted into mailing trays which have mailing lable printed for them by system**

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 480684 | A | 19920415 | EP 91309229 | A | 19911008 | 199216 | B |
| CA 2052903 | A | 19920410 | CA 2052903 | A | 19911007 | 199226 | |
| EP 480684 | A3 | 19920909 | EP 91309229 | A | 19911008 | 199338 | |
| US 5329102 | A | 19940712 | US 90594515 | A | 19901009 | 199427 | |
| CA 2052903 | C | 19951212 | CA 2052903 | A | 19911007 | 199611 | |
| EP 480684 | B1 | 19960320 | EP 91309229 | A | 19911008 | 199616 | |
| DE 69118084 | E | 19960425 | DE 618084 | A | 19911008 | 199622 | |
| | | | EP 91309229 | A | 19911008 | | |

32/3,K/3     (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

010757316    **Image available**
WPI Acc No: 1996-254271/199626
XRPX Acc No: N96-213720
  **Address recognition method for automatic** mail **processing system -
  involves using address recognition part which detects town code and
  dwelling display number and produces full address**
Patent Assignee: NEC CORP (NIDE  ); NIPPON ELECTRIC CO (NIDE  )
Number of Countries: 003  Number of Patents: 003
Patent Family:
Patent No     Kind   Date      Applicat No    Kind   Date      Week
JP 8103730    A      19960423  JP 95194544    A      19950731  199626  B
CN 1148221    A      19970423  CN 95116347    A      19950808  200109
KR 286163     B      20010416  KR 9524342     A      19950807  200218

Priority Applications (No Type Date): JP 94185564 A 19940808
Patent Details:
Patent No  Kind Lan Pg   Main IPC      Filing Notes
JP 8103730    A       18 B07C-003/10
CN 1148221    A          G06K-009/00
KR 286163     B          G06K-009/72   Previous Publ. patent KR 96008620
  **Address recognition method for automatic** mail **processing system...**

...Abstract (Basic): input character sequence which indicates an address
   including a town code and a dwelling display **number** . A character
   recognition part (104) **compares** each character with the contents of a
   character dictionary (105) which are registered beforehand and...
...Title Terms: **MAIL** ;
...Manual Codes (EPI/S-X): **T05-K02**


 32/3,K/4     (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

009941224    **Image available**
WPI Acc No: 1994-208936/199425
Related WPI Acc No: 1993-125357; 1995-122543
XRPX Acc No: N94-164400
  **Automated system for** mail **preparation and record keeping - uses data
  processor storing program instructions and data including postage fees
  for printing onto continuous mailing forms**
Patent Assignee: WALZ POSTAL SOLUTIONS INC (WALZ-N)
Inventor: BENTZEN D O; WALZ G F
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No     Kind   Date      Applicat No    Kind   Date      Week
US 5325303    A      19940628  US 89406732    A      19890913  199425  B
                               US 9322185     A      19930225

Priority Applications (No Type Date): US 89406732 A 19890913; US 9322185 A
   19930225
Patent Details:
Patent No  Kind Lan Pg   Main IPC      Filing Notes
US 5325303    A       68 G07B-017/00   Div ex application US 89406732
                                       Div ex patent US 5190210
  **Automated system for** mail **preparation and record keeping...**

...Abstract (Basic): prints the names and addresses in designated address
   areas on successive forms. An article identifying **number** on each form
   is **associated** with the name and **address** printed on it. Each article
   identifying number is stored with the name and address information...
...Title Terms: **MAIL** ;


                        EKD     January 2, 2004

 **32/3,K/6      (Item 5 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

009223564     **Image available**
WPI Acc No: 1992-350985/199243
XRPX Acc No: N92-267599
  **Bar-code translation for deferred optical character recognition** mail
  **processing - allowing use of local formats of bar-code reading and
  sorting of** mail **pieces during incoming sort**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC  ); IBM CORP (IBMC  )
Inventor: ANKERSTJERNE A; CARRIS B T; ROSENBAUM W S
Number of Countries: 006  Number of Patents: 006
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 509280 | A2 | 19921021 | EP 92105137 | A | 19920325 | 199243 | B |
| JP 4338271 | A | 19921125 | JP 9228657 | A | 19920215 | 199302 | |
| US 5249687 | A | 19931005 | US 91690175 | A | 19910419 | 199341 | |
| EP 509280 | A3 | 19930505 | EP 92105137 | A | 19920325 | 199402 | |
| EP 509280 | B1 | 19960911 | EP 92105137 | A | 19920325 | 199641 | |
| DE 69213532 | E | 19961017 | DE 613532 | A | 19920325 | 199647 | |
| | | | EP 92105137 | A | 19920325 | | |

Priority Applications (No Type Date): US 91690175 A 19910419
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| EP 509280 | A2 | E | 24 | B07C-003/00 | |
| JP 4338271 | A | | 15 | B07C-003/18 | |
| US 5249687 | A | | 22 | B07C-005/02 | |
| EP 509280 | B1 | E | 26 | B07C-003/00 | |

   Designated States (Regional): DE DK FR GB

| | | | | | |
|---|---|---|---|---|---|
| DE 69213532 | E | | | B07C-003/00 | Based on patent EP 509280 |
| EP 509280 | A3 | | | B07C-003/00 | |

  **Bar-code translation for deferred optical character recognition** mail
  **processing...**

...**allowing use of local formats of bar-code reading and sorting of** mail
  **pieces during incoming sort**

...Abstract (Basic): the first sorting device (37'). The destination
   address is stored in the memory and the **mail** piece is identified at
   the distribution station by reading the indicum...

...main piece. The printed sort code is read in a second sorter (206) and
   the **mail** piece is sorted to the destination location...
...ADVANTAGE - Allows OCR encoded **mail** to be processed along with other
   types of encoded **mail** during standard sort bar-code that has been
   imprinted using prior technology
...Abstract (Equivalent): A method for encoding a **mail** piece (22) for
   automatic sorting to a destination location 928) employed in a system
   for deferred processing of the **mail** piece having a destination
   address block (45) whose image is character recognized to produce
   destination address data (42,44,44') which is **associated** with an
   identification **number** (24') encoded as an indicium (24) onto the
   **mail** piece, the destination address data being transmitted to the
   **mail** piece distribution station (28) which employs a first sorting
   device (206) to sort to a...

...first sorting device (37'); storing said destination address data in
   said computer memory; identifying said **mail** piece at said

distribution station by reading said indicium thereon; accessing said
destination address data...

...local sort code (200) using said translation tables; printing said local
sort code onto said **mail** piece; reading said printed local sort code
in a second sorter (206) and sorting the **mail** piece to the
destination location

...Abstract (Equivalent): The system enables techniques of deferred
processing of OCR scanned **mail** to be compatible with existing
techniques for mechanical sorting of mall that use standard sort...

...formats which are common to a given destination postal system. This
enables deferred OCR processed **mail** to be sorted on an unsegregated
basis along with other types of **mail** which have not been processed by
the deferred OCR technique. This allows the OCR encoded **mail** to be
processed along with other types of encoded **mail** during standard sort
barcode that has been imprinted using prior technology such as OCR or
...

...the translation tables. A sorter then reads the printed local sort code
and sorts the **mail** piece down to carrier. The translation tables in
local sorting information having a carrier code...

...USE/ADVANTAGE - Automated **mail** processing, particularly use of optical
character recognition for **mail** processing - using scanned **mail** OCR
deferred processing. Automatic sorting can be performed down to carrier
and walk sequence at
...Title Terms: **MAIL** ;
...Manual Codes (EPI/S-X): **T05-K02**

35/TI,PY,AZ/1     (Item 1 from file: 347)

07614950
SERVER AND **MAIL** ORDER SYSTEM

PUBLISHED:     April 11, 2003 (20030411)


35/TI,PY,AZ/2     (Item 2 from file: 347)

07540600
FLEIGHT AND VEHICLE SEEK SYSTEM, AND SERVER, PROCESSING METHOD, PROGRAM AND
STORAGE MEDIUM FOR THE SAME

PUBLISHED:     February 07, 2003 (20030207)


35/TI,PY,AZ/3     (Item 3 from file: 347)

07474077
**MAIL** ORDER SYSTEM

PUBLISHED:     November 29, 2002 (20021129)


35/TI,PY,AZ/4     (Item 4 from file: 347)

07315019
ADVERTISEMENT INVITATION DISTRIBUTION SYSTEM AND METHOD OF CELLULAR PHONE

PUBLISHED:     June 28, 2002 (20020628)


35/TI,PY,AZ/5     (Item 5 from file: 347)

07264699
SUPPORT SYSTEM FOR BUYING AND SELLING TIMING OF USED CAR BY INTERNET

PUBLISHED:     May 10, 2002 (20020510)


35/TI,PY,AZ/6     (Item 6 from file: 347)

07173364
BUSINESS EVALUATION SYSTEM AND OUTPUT MEDIUM

PUBLISHED:     February 08, 2002 (20020208)


35/TI,PY,AZ/7     (Item 7 from file: 347)

07139478
MAILING METHOD, MAILING SERVER, AND RECORDING MEDIUM

PUBLISHED:     January 11, 2002 (20020111)


35/TI,PY,AZ/8     (Item 1 from file: 350)

EKD     January 2, 2004

015838037
  Automated optimal packaging determination and goods shipping process for
  electronic commerce application, involves providing cost for each
  transport load options and selecting optimal transport load option
Patent Family:
Patent No     Kind    Date    Applicat No    Kind    Date       Week
US 20030200111  A1   20031023  US 2002374056    P    20020419  200382  B
                               US 2003418708    A    20030418
WO 200390149   A1   20031030  WO 2003US12346    A    20030418  200382


 35/TI,PY,AZ/9      (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

015648664
  Consumer products advertising method, involves charging user for product
  package , where final  price  of product  package  is  determined  based
  on amount or type of advertisement content selected by user
Patent Family:
Patent No     Kind    Date    Applicat No    Kind    Date       Week
US 20030149618  A1   20030807  US 200260318    A    20020201  200367  B


 35/TI,PY,AZ/10      (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

015594821
  Sales processing program code storage medium for use in fast food
  restaurants, stores program code for identifying  package  including
  complementary products having acceptable sales performance and for
  determining  package   price  for products
Patent Family:
Patent No     Kind    Date    Applicat No    Kind    Date       Week
US 6601036      B1   20030729  US 97822709     A    19970321  200362  B
                               US 97920116     A    19970826
                               US 97947798     A    19971009
                               US 9812163      A    19980122
                               US 9885424      A    19980527
                               US 2000571210   A    20000516


 35/TI,PY,AZ/11      (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

015460515
  Visual book preview creating system for advertising book through CD
  catalogue,  determines  production  cost  and time according to which
  preview is created along with desired characters
Patent Family:
Patent No     Kind    Date    Applicat No    Kind    Date       Week
US 20030078856  A1   20030424  US 2001318946    P    20010911  200349  B
                               US 2002241552    A    20020911


 35/TI,PY,AZ/12      (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

015451950
  Developing tailored content e.g. for providers of television, internet
  etc., which involves analyzing a subscriber attribute in a subscriber
  database
Patent Family:
Patent No     Kind    Date    Applicat No    Kind    Date       Week
WO 200352663   A1   20030626  WO 2002US39444  A    20021210  200348  B

35/TI,PY,AZ/13      (Item 6 from file: 350)

015449909
  Postal/private carrier rate  determination  method for letters,
  involves executing program at remote terminal to compute postal/private
  carrier rate, based on input bar code information indicating weight of
  mail item
Patent Family:
Patent No     Kind   Date    Applicat No    Kind   Date     Week
US 6571223    B1    20030527  US 99428916    A    19991028  200348  B


 35/TI,PY,AZ/14      (Item 7 from file: 350)

015384096
  Online  mail  order system for online shopping,  determines  selling
  price  of goods by predetermined lottery method,  if probability variation
  price system is selected
Patent Family:
Patent No     Kind   Date    Applicat No    Kind   Date     Week
JP 2003150809  A    20030523  JP 2001345802  A    20011112  200342  B


 35/TI,PY,AZ/15      (Item 8 from file: 350)

015368718
  Online auctioning method for multiple similar items, involves determining
  winning bids based on number of items available for auction, and lowest
  winning bid amount is  determined  as final selling  price
Patent Family:
Patent No       Kind  Date    Applicat No    Kind   Date     Week
US 20030046216  A1   20030306  US 2001947884  A    20010906  200340  B


 35/TI,PY,AZ/16      (Item 9 from file: 350)

015277702
  Server apparatus for  mail  order system, has merchandise management
  processor which updates and displays price distribution information
  related to each goods, which is stored in database
Patent Family:
Patent No     Kind   Date    Applicat No    Kind   Date     Week
JP 2003108797  A    20030411  JP 2000182447  A    20000619  200332  B
                              JP 2002231354  A    20000619


 35/TI,PY,AZ/17      (Item 10 from file: 350)

015267014
  Unwanted  mail  removal method using  mail  sorter, involves obtaining
  information of physical  mailpiece  and determining whether physical
  mailpiece  is to be delivered to recipient
Patent Family:
Patent No     Kind   Date    Applicat No    Kind   Date     Week
US 6508365    B1    20030121  US 99474908    A    19991228  200331  B


 35/TI,PY,AZ/18      (Item 11 from file: 350)

015043340
   Price    determining  **method for video-on-demand uses advertisement**
   package **system**
Patent Family:
Patent No      Kind   Date     Applicat No    Kind    Date      Week
WO 2002102046  A2   20021219  WO 2002US17884  A    20020610  200309  B
US 20020194065 A1   20021219  US 2001879055   A    20010613  200315


 **35/TI,PY,AZ/19**      (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.


· 014903325
   **Routing  mail  pieces in delivery system by determining whether  mail**
   **piece requires urgent delivery and weight to find cost-effective entry**
   **place**
Patent Family:
Patent No      Kind   Date     Applicat No    Kind    Date      Week
WO 200284564   A1   20021024  WO 2002US11593  A    20020415  200278  B


 **35/TI,PY,AZ/20**      (Item 13 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.


014889741
   **Online foreign exchange transactions system for banks, transmits warning**
   **mail  to customer from  mail  server when purchase order price set by**
   **customer differs from preset value stored in database server**
Patent Family:
Patent No      Kind   Date     Applicat No    Kind    Date      Week
JP 2002251522  A    20020906  JP 200147141    A    20010222  200277  B


 **35/TI,PY,AZ/21**      (Item 14 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.


014806363
   **Internet-based shipping carrier selection method involves comparing**
   **shipping information received from user with prestored information and**
   **displaying selected shipping carrier based on shipping information**
Patent Family:
Patent No      Kind   Date     Applicat No    Kind    Date      Week
US 20020095347 A1   20020718  US 2001761948   A    20010117  200267  B


 **35/TI,PY,AZ/22**      (Item 15 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.


014792808
   **Agency participation type  mail -order collection method in agency**
   **marketing of goods, involves assigning prospective customer to  mail**
   **-order advertisement agencies**
Patent Family:
Patent No      Kind   Date     Applicat No    Kind    Date      Week
JP 2002215766  A    20020802  JP 2000399063   A    20001227  200266  B


 **35/TI,PY,AZ/23**      (Item 16 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.


014746234
   Cost   determination  **system for one or more shipments for example, box,**
   **crate, carton, or like has GUI determination device for determining**
   **presentation format based on at least one of tax and duty information and**
   **one or more shipments**
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| WO 200261537 | A2 | 20020808 | WO 2002US2577 | A | 20020131 | 200260 | B |
| US 20020116273 | A1 | 20020822 | US 2001265337 | A | 20010201 | 200262 | |
| | | | US 200259250 | A | 20020131 | | |

**35/TI,PY,AZ/24    (Item 17 from file: 350)**
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

014711434
  Goods packaging operation support method in retail store, involves
  sticking printed price label on goods that are classified based on
  information read from goods order label stuck to tray
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| JP 2002140766 | A | 20020517 | JP 2000332798 | A | 20001031 | 200257 | B |

**35/TI,PY,AZ/25    (Item 18 from file: 350)**
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

014707505
  Determining return delivery charges for shipped items by selecting part
  of shipment at random and determining  cost  factor based on weight
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| WO 200248829 | A2 | 20020620 | WO 2001US47486 | A | 20011217 | 200256 | B |
| AU 200236597 | A | 20020624 | AU 200236597 | A | 20011217 | 200267 | |

**35/TI,PY,AZ/26    (Item 19 from file: 350)**
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

014654203
  Mail  sorting system involves searching required  mail  identification
  information in sub-memory, if identification information is not available
  in main memory
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| JP 2002102801 | A | 20020409 | JP 2000295233 | A | 20000927 | 200251 | B |

**35/TI,PY,AZ/27    (Item 20 from file: 350)**
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

014638697
  Dealing time support system for used car, carries out  mail  transmission
  of information such as dealing implementation stage to customer side
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| JP 2002133160 | A | 20020510 | JP 2000319829 | A | 20001019 | 200249 | B |

**35/TI,PY,AZ/28    (Item 21 from file: 350)**
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

014505091
  Currency exchange  rate  reference network server  determines  currency
  exchange  rate  by searching domain name of  mail  address received from
  user terminal
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| JP 2002091853 | A | 20020329 | JP 2000280484 | A | 20000914 | 200236 | B |

**35/TI,PY,AZ/29    (Item 22 from file: 350)**

014412841
Network-based combination selling system has sales management server
which provides offer for purchasing additional goods at discount price,
when order is received for goods having price more than fixed limit
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 2002056231 | A | 20020220 | JP 2001116861 | A | 20010416 | 200229 | B |

35/TI,PY,AZ/30      (Item 23 from file: 350)

014372076
Goods package marketing system produces goods selling information based
on goods supply information from feeder terminal
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 2002024588 | A | 20020125 | JP 2000209990 | A | 20000711 | 200225 | B |

35/TI,PY,AZ/31      (Item 24 from file: 350)

014357017
Judicial affairs action database system has database with append service
classification and time information and provides index key so that search
between two items are instantly performed
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 2002024255 | A | 20020125 | JP 2000208762 | A | 20000710 | 200223 | B |

35/TI,PY,AZ/32      (Item 25 from file: 350)

014259755
Software package selling method involves setting selling price of
software components according to their classification in response to
customization request from purchaser
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 2001331231 | A | 20011130 | JP 2000152515 | A | 20000524 | 200211 | B |

35/TI,PY,AZ/33      (Item 26 from file: 350)

014198595
E-commerce system for airlines, hotels and rental car company, compiles
several offering of products from vendors partially or wholly based on
predetermined criteria, to form product package
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 1148433 | A1 | 20011024 | EP 2001108975 | A | 20010411 | 200203 | B |
| JP 2001350825 | A | 20011221 | JP 2001117962 | A | 20010417 | 200206 | |

35/TI,PY,AZ/34      (Item 27 from file: 350)

014197109
Sorting system for traditional mail includes use of coding grid on
outside to facilitate automatic sorting
Patent Family:

```
Patent No      Kind   Date     Applicat No     Kind   Date       Week
BE 1013223     A6     20011106 BE 200017       A      20000111   200203   B
```

014169595
   **Method for performing direct transaction of agricultural products through
   mail -order**
Patent Family:
```
Patent No      Kind   Date     Applicat No     Kind   Date       Week
KR 2001057996  A      20010705 KR 9961450      A      19991223   200175   B
```

014158591
   **Distributed video coding system controls interactive consignment of video
   coding operation on information read from  mail , using video control
   manager**
Patent Family:
```
Patent No      Kind   Date     Applicat No     Kind   Date       Week
JP 2001252624  A      20010918 JP 200071008    A      20000309   200174   B
```

014128158
   **Sorting charges computing method for postal applications, involves
   storing piece count of each of  sorted   mailpieces  to compute  sorting
   cost  based on preset unit  price  of each  mailpiece  and stored
   address information**
Patent Family:
```
Patent No      Kind   Date     Applicat No     Kind   Date       Week
EP 1113376     A2     20010704 EP 2000126441   A      20001206   200171   B
CA 2327042     A1     20010628 CA 2327042      A      20001122   200171
```

014018359
   **Management and administration method for human resource and employee
   benefit products for a business using remote computer to provide products
   on the basis of input company criteria**
Patent Family:
```
Patent No      Kind   Date     Applicat No     Kind   Date       Week
WO 200150395   A2     20010712 WO 2001US268    A      20010104   200155   B
AU 200127614   A      20010716 AU 200127614    A      20010104   200169
US 20020022982 A1     20020221 US 2000174480   P      20000104   200221
                               US 2001755934   A      20010104
```

014017750
   **Manually operated  mail  sorting machine for post offices, stores program
   with scheme to assign addresses to bins in sorting case, so that
   addresses are mapped to individual delivery routes assigned to the bin**
Patent Family:
```
Patent No      Kind   Date     Applicat No     Kind   Date       Week
US 6259964     B1     20010710 US 9853314      A      19980401   200155   B
```

35/TI,PY,AZ/40     (Item 33 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

013948172
  Data processing system for online borrowing, provides separate facilities
  for investor to disclose his/her borrowing criteria and calculate risk
  assessments correspondingly to decide and select suitable loan .package
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| WO 200115047 | A1 | 20010301 | WO 2000US23168 | A | 20000824 | 200146 | B |
| AU 200075727 | A | 20010319 | AU 200075727 | A | 20000824 | 200146 | |


35/TI,PY,AZ/41     (Item 34 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

013673771
  Pre-certification measuring system of  mail  piece postal discount
  qualifications in post office, sorts  mail  piece data and  mail  piece
  is pre-certified for qualified postal discounts
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 6135292 | A | 20001024 | US 98217737 | A | 19981221 | 200116 | B |


35/TI,PY,AZ/42     (Item 35 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

013556467
  Target pricing system for obtaining optimum bid value for goods and
  services, has market response model which computes probability of
  obtaining optimum price value by designating product value as function of
  price
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| WO 200052605 | A1 | 20000908 | WO 2000US5846 | A | 20000303 | 200105 | B |
| AU 200036171 | A | 20000921 | AU 200036171 | A | 20000303 | 200105 | |
| EP 1203311 | A1 | 20020508 | EP 2000914835 | A | 20000303 | 200238 | |
| | | | WO 2000US5846 | A | 20000303 | | |
| JP 2003525479 | W | 20030826 | JP 2000602958 | A | 20000303 | 200357 | |
| | | | WO 2000US5846 | A | 20000303 | | |


35/TI,PY,AZ/43     (Item 36 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

013532946
  Arrangement for dimensioning of letters that forms part of a letter
  individual feeding device and has a number of optical sensors for
  determination of length, breadth and thickness dimensions
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| DE 19912807 | A1 | 20000921 | DE 1012807 | A | 19990313 | 200103 | B |
| CN 1266809 | A | 20000920 | CN 2000104023 | A | 20000313 | 200103 | |
| EP 1038813 | A2 | 20000927 | EP 2000250052 | A | 20000221 | 200103 | |
| US 6364306 | B1 | 20020402 | US 2000524233 | A | 20000313 | 200226 | |


35/TI,PY,AZ/44     (Item 37 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

013101375
  Electronic shipping scale determining system for weighing  packages  and

displaying relevant postage rates for variety of carriers
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 991024 | A2 | 20000405 | EP 94307560 | A | 19941014 | 200024 | B |
|  |  |  | EP 99113835 | A | 19941014 | | |


35/TI,PY,AZ/45      (Item 38 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.


012459424
  Electronic postage scale system for determining postage charges
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 911766 | A2 | 19990428 | EP 94307560 | A | 19941014 | 199923 | B |
|  |  |  | EP 98204046 | A | 19941014 | | |


35/TI,PY,AZ/46      (Item 39 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.


012452579
  Bar-code printing system for classification of  mail  in post office -
  makes use of code conversion program for converting address code
  information read from  mail  into corresponding bar code and prints same
  bar code on  mail
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 11076950 | A | 19990323 | JP 97234914 | A | 19970829 | 199922 | B |


35/TI,PY,AZ/47      (Item 40 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.


011763795
  Device for  determining  postage  costs  for items of post e.g. letters
  or  packages  - has opening and closing receptacle walls to receive item
  of postage and device to measure distance between walls with item
  inserted between them as indication of thickness of item
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| DE 29721284 | U1 | 19980319 | DE 97U2021284 | U | 19971020 | 199817 | B |
| EP 840100 | A2 | 19980506 | EP 97118495 | A | 19971024 | 199822 | |
| DE 19644847 | A1 | 19980430 | DE 1044847 | A | 19961029 | 199823 | |
| US 5914464 | A | 19990622 | US 97939286 | A | 19970929 | 199931 | |
| EP 840100 | B1 | 20021211 | EP 97118495 | A | 19971024 | 200282 | |
| DE 59708942 | G | 20030123 | DE 508942 | A | 19971024 | 200315 | |
|  |  |  | EP 97118495 | A | 19971024 | | |


35/TI,PY,AZ/48      (Item 41 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.


011722181
  Mail  sorting system for postal service - has registration unit, which
  stores ID number corresponding to address data read out by operator or
  OCR in database
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 10015498 | A | 19980120 | JP 96170371 | A | 19960628 | 199813 | B |


35/TI,PY,AZ/49      (Item 42 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.


011636495

Sorting method for postal items - has automatic address reading system
combined with video coding method used for address information which
cannot be evaluated by address reading system
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| DE 19624977 | A1 | 19980102 | DE 1024977 | A | 19960622 | 199806 | B |
| WO 9749503 | A1 | 19971231 | WO 97EP2167 | A | 19970426 | 199807 | |
| CN 1222871 | A | 19990714 | CN 97195717 | A | 19970426 | 199946 | |
| EP 975442 | A1 | 20000202 | EP 97921794 | A | 19970426 | 200011 | |
| | | | WO 97EP2167 | A | 19970426 | | |
| TW 373152 | A | 19991101 | TW 97108512 | A | 19970618 | 200036 | |
| JP 2000512544 | W | 20000926 | WO 97EP2167 | A | 19970426 | 200051 | |
| | | | JP 98502151 | A | 19970426 | | |
| EP 975442 | B1 | 20010919 | EP 97921794 | A | 19970426 | 200155 | |
| | | | WO 97EP2167 | A | 19970426 | | |
| DE 59704697 | G | 20011025 | DE 504697 | A | 19970426 | 200171 | |
| | | | EP 97921794 | A | 19970426 | | |
| | | | WO 97EP2167 | A | 19970426 | | |


 35/TI,PY,AZ/50      (Item 43 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

011262082
  Control method of encoding unit used in  mail  processing system - uses
  judgement unit to  determine  mode of compression and compression  rate
  to be employed according to output of designation unit
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| JP 9075865 | A | 19970325 | JP 95239910 | A | 19950919 | 199722 | B |
| JP 3329629 | B2 | 20020930 | JP 95239910 | A | 19950919 | 200271 | |


 35/TI,PY,AZ/51      (Item 44 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

011043851
  Franking system for weighing and franking letters and packets at user's
  premises - includes modem link to post office computer where required
  rate  is  determined  in response to weight and destination information
  for  mail  item supplied over modem
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| BE 1009168 | A6 | 19961203 | BE 95188 | A | 19950303 | 199703 | B |


 35/TI,PY,AZ/52      (Item 45 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

010867822
  Postal sorting machine classifying  mail  w.r.t post-man round - has
  computer storing, for each letter, mark printed when entering sorting
  machine and address provided by camera to track envelope through process
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| FR 2729589 | A1 | 19960726 | FR 95925 | A | 19950123 | 199637 | B |


 35/TI,PY,AZ/53      (Item 46 from file: 350)
DIALOG(R)File 350:(c) 2004  Thomson Derwent. All rts. reserv.

010834268
  Bill settlement system in restaurant - calculates  package  tariff for
  corresp. tray unit which is loaded with table ware carrying magnetic
  readable indicia or electrically conductive material
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| JP 8153281 | A | 19960611 | JP 94292567 | A | 19941128 | 199633 | B |

010610204
  Sorting and sequencing system for post office  mail  items - separates
  sheets needing to be sorted, and transfers them to reading unit to read
  sorting information on sheets, with second transfer unit sorting sheets
  according to sort information
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 697260 | A2 | 19960221 | EP 95113025 | A | 19950818 | 199612 | B |
| JP 8057429 | A | 19960305 | JP 94195141 | A | 19940819 | 199619 | |
| US 5810174 | A | 19980922 | US 95516985 | A | 19950818 | 199845 | |
| EP 697260 | B1 | 20020522 | EP 95113025 | A | 19950818 | 200241 | |
| DE 69526758 | E | 20020627 | DE 626758 | A | 19950818 | 200250 | |
| | | | EP 95113025 | A | 19950818 | | |

010279212
  Electronic postage scales system incorporating digital circuitry - has
  display with screen for options to determine weight and service of
  package  activated by input keys to select valid subsets of options
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 649119 | A2 | 19950419 | EP 94307560 | A | 19941014 | 199524 | B |
| CA 2117969 | A | 19950415 | CA 2117969 | A | 19941012 | 199528 | |
| EP 649119 | A3 | 19950830 | | | | 199614 | |
| US 5615120 | A | 19970325 | US 93139898 | A | 19931014 | 199718 | |
| | | | US 95478458 | A | 19950607 | | |
| US 5675493 | A | 19971007 | US 93139898 | A | 19931014 | 199746 | |
| | | | US 95478456 | A | 19950607 | | |
| US 5780778 | A | 19980714 | US 93139898 | A | 19931014 | 199835 | |
| | | | US 95485270 | A | 19950607 | | |
| US 5841076 | A | 19981124 | US 93139898 | A | 19931014 | 199903 | |
| | | | US 95479015 | A | 19950607 | | |
| US 5905232 | A | 19990518 | US 93139898 | A | 19931014 | 199927 | |
| EP 649119 | B1 | 20000112 | EP 94307560 | A | 19941014 | 200008 | |
| | | | EP 98204046 | A | 19941014 | | |
| | | | EP 98204047 | A | 19941014 | | |
| | | | EP 98204097 | A | 19941014 | | |
| US 6013878 | A | 20000111 | US 93139898 | A | 19931014 | 200010 | |
| | | | US 95485271 | A | 19950607 | | |
| | | | US 97895409 | A | 19970716 | | |
| DE 69422580 | E | 20000217 | DE 622580 | A | 19941014 | 200016 | |
| | | | EP 94307560 | A | 19941014 | | |
| US 6153835 | A | 20001128 | US 93139898 | A | 19931014 | 200063 | |
| | | | US 95485269 | A | 19950607 | | |
| US 6462286 | B1 | 20021008 | US 93139898 | A | 19931014 | 200269 | |
| | | | US 95479022 | A | 19950607 | | |

010188107
  Bar-code graphics data insertion and printing system for applying zip
  code to  mail  piece - receives document contg. street address from word
  processor via  data transfer w.r.t. printer interface protocol, and
  generates graphics data for bar-code to be applied

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 5387783 | A | 19950207 | US 92876627 | A | 19920430 | 199512 | B |
| | | | US 9356525 | A | 19930430 | | |


35/TI,PY,AZ/57     (Item 50 from file: 350)

010092594
  Point of sale terminal for retail outlet e.g. supermarket - makes
  package  discount w.r.t. commodities purchased at different times by use
  of coupon which is scanned on later occasion
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| GB 2278479 | A | 19941130 | GB 945311 | A | 19940317 | 199445 | B |
| US 5481094 | A | 19960102 | US 94214312 | A | 19940317 | 199607 | |
| GB 2278479 | B | 19970716 | GB 945311 | A | 19940317 | 199731 | |
| KR 119463 | B1 | 19971029 | KR 945479 | A | 19940318 | 199948 | |
| JP 3022053 | B2 | 20000315 | JP 93126442 | A | 19930528 | 200018 | |


35/TI,PY,AZ/58     (Item 51 from file: 350)

010035549
  Automated processing method for dispatch of  parcels  - sensing  parcel
  size and receiving  dispatch details to determined freight charge and
  print details on sticker following payment
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| WO 9420933 | A1 | 19940915 | WO 94EP430 | A | 19940214 | 199437 | B |
| NL 9300378 | A | 19941003 | NL 93378 | A | 19930301 | 199438 | |


35/TI,PY,AZ/59     (Item 52 from file: 350)

009823899
  Integrated postage stamp dispensing and encoding device - determines
  national and international postcodes on input of addresses and prints
  address, origin and postal rate in human readable and machine readable
  form on postage stamp
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| GB 2271452 | A | 19940413 | GB 9319799 | A | 19930924 | 199413 | B |


35/TI,PY,AZ/60     (Item 53 from file: 350)

009713891
  Mail  processing system for local and non-local  mail  - sorts and
  conveys non-local  mail  to carrier in sufficient time to be placed on
  next vehicle without waiting for loading
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 575109 | A1 | 19931222 | EP 93304545 | A | 19930611 | 199351 | B |
| CA 2097959 | A | 19931219 | CA 2097959 | A | 19930608 | 199410 | |
| US 5446667 | A | 19950829 | US 92900397 | A | 19920618 | 199540 | |
| EP 575109 | B1 | 19970115 | EP 93304545 | A | 19930611 | 199708 | |
| DE 69307402 | E | 19970227 | DE 607402 | A | 19930611 | 199714 | |
| | | | EP 93304545 | A | 19930611 | | |
| CA 2097959 | C | 20010327 | CA 2097959 | A | 19930608 | 200122 | |
| EP 575109 | B2 | 20030102 | EP 93304545 | A | 19930611 | 200310 | |

35/TI,PY,AZ/61      (Item 54 from file: 350)

009683980
   System for processing international priority airmail - separates
   international priority air  mail  into non-presort and pre- sort   rate
   categories established by regulations of United States postal service
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 5262597 | A | 19931116 | US 92883535 | A | 19920515 | 199347 | B |


35/TI,PY,AZ/62      (Item 55 from file: 350)

009409244
   System for requesting, reporting and verification of  mail  carrier
   payment - sorts local from non-local  mail  into trays, weighs and
   communicates destination and weight to post office
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 534636 | A1 | 19930331 | EP 92308151 | A | 19920909 | 199313 | B |
| CA 2077575 | A | 19930324 | CA 2077575 | A | 19920904 | 199323 | |
| US 5216620 | A | 19930601 | US 91763787 | A | 19910923 | 199323 | |
| CA 2077575 | C | 19950321 | CA 2077575 | A | 19920904 | 199518 | |
| EP 534636 | B1 | 19960710 | EP 92308151 | A | 19920909 | 199632 | |
| DE 69212096 | E | 19960814 | DE 612096 | A | 19920909 | 199638 | |
| | | | EP 92308151 | A | 19920909 | | |


35/TI,PY,AZ/63      (Item 56 from file: 350)

009290417
   Tariff determn. balance for  parcels  - has weighing platform and unit,
   re-writable memory, calculator, and interface to computer terminal and
   telephone network
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| FR 2675575 | A1 | 19921023 | FR 914965 | A | 19910418 | 199251 | B |


35/TI,PY,AZ/64      (Item 57 from file: 350)

009072344
   Carrier management system having auto-rate shopping - has computer that
   responds to auto- rate  selection key operation for  determining
   shipping charges of least costly carrier or that of sub-group of carriers
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 5117364 | A | 19920526 | US 90487085 | A | 19900302 | 199224 | B |


35/TI,PY,AZ/65      (Item 58 from file: 350)

008315904
   Envelope flap-moistening system for high speed mailing - has servo
   control according to width of flap under control of microcomputer
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 376521 | A | 19900704 | EP 89312844 | A | 19891208 | 199027 | B |
| AU 8945652 | A | 19900705 | | | | 199035 | |
| CA 2003147 | A | 19900628 | | | | 199037 | |


EKD      January 2, 2004

```
US 5020473    A    19910604  US 88291461    A    19881228  199125
EP 376521     B1   19940316  EP 89312844    A    19891208  199411
DE 68913945   E    19940421  DE 613945      A    19891208  199417
                            EP 89312844    A    19891208
CA 2003147    C    19990907  CA 2003147     A    19891116  200003
```

DIALOG(R)File 350:Derwent WPIX

015267014    **Image available**
WPI Acc No: 2003-327943/200331
XRPX Acc No: N03-262221
  **Unwanted** mail **removal method using** mail **sorter, involves obtaining**
  **information of physical** mailpiece **and determining whether physical**
  **mailpiece is to be delivered to recipient**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: BECK C A; CACACE-BAILEY M; VITALE A A; WINKELMAN J H
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 6508365 | B1 | 20030121 | US 99474908 | A | 19991228 | 200331 | B |

Priority Applications (No Type Date): US 99474908 A 19991228
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----|----|
| US 6508365 | B1 | | 8 | G06F-017/60 | |

  **Unwanted** mail **removal method using** mail **sorter, involves obtaining**
  **information of physical** mailpiece **and determining whether physical**
  **mailpiece is to be delivered to recipient**

Abstract (Basic):
...        Information obtained from the physical **mailpiece** received from
    a **mail** delivery provider, is analyzed to determine whether the **mail**
    has to be delivered to an intended recipient. When delivery is not
    required, the physical **mailpiece** is out-sorted.
...        For removing mails received from bulk mailers, credit card
    companies, catalog companies, from mailstream using **mail** sorter in
    postal service, business, companies etc...

...removing unwanted mails from the mailstream, creates a profile of
    mailers for addresses, decreases mailroom **expenses** by out- **sorting**
    unwanted mails and calculates **costs** associated with unwanted mails...

...The figure shows a flowchart explaining the process of removing unwanted
    **mail** from the mailstream...
...Title Terms:  **MAIL** ;
International Patent Class (Main):  **G06F-017/60**

DIALOG(R)File 350:Derwent WPIX

014017750
WPI Acc No: 2001-501964/200155
Related WPI Acc No: 1999-620058; 2001-482221
XRPX Acc No: N01-372259
  **Manually operated** mail **sorting machine for post offices, stores program**
  **with scheme to assign addresses to bins in sorting case, so that**
  **addresses are mapped to individual delivery routes assigned to the bin**
Patent Assignee: ROBINSON F (ROBI-I)
Inventor: ROBINSON F
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 6259964 | B1 | 20010710 | US 9853314 | A | 19980401 | 200155 | B |
| | | | US 98198478 | A | 19981124 | | |

Priority Applications (No Type Date): US 98198478 A 19981124; US 9853314 A
  19980401

Patent Details:
Patent No   Kind Lan Pg    Main IPC      Filing Notes
US 6259964      B1     11 G06F-007/00    CIP of application US 9853314
  **Manually operated** mail **sorting machine for post offices, stores program
  with scheme to assign addresses to bins in...**

Abstract (Basic):
...            A program running in computer system has instructions for
    storing address scanned from the  **mail** . An updatable scheme assigns
    addresses to bins in a sorting case, so that the addresses...

...individual delivery routes assigned to the bin. The program has
    instructions to match the scanned  **mail**  address with the bin whose
    location is specified by an updatable case configuration.
...            An INDEPENDENT CLAIM is also included for  **mail**  routing method
    ...

...In post offices for sorting different types of mails including letters,
    **parcels** , bulk  **mail** , priority  **mail** , business  **mail** , foreign  **mail**
    , etc...

...memorize scheme knowledge and case configurations. Quickly sorts the
    mails rejected by high-speed automated  **sorting**  and reduces the  **cost**
    associated with  **mail     sorting** .

...Title Terms:  **MAIL** ;
...Manual Codes (EPI/S-X):  **T01-J05A2**


 **35/3,K/41      (Item 34 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

013673771    **Image available**
WPI Acc No: 2001-157983/200116
XRPX Acc No: N01-114997
  **Pre-certification measuring system of**  mail  **piece postal discount
  qualifications in post office, sorts**  mail  **piece data and**  mail  **piece
  is pre-certified for qualified postal discounts**
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: PETTNER G E
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No      Kind   Date     Applicat No    Kind   Date      Week
US 6135292      A   20001024  US 98217737     A    19981221  200116  B

Priority Applications (No Type Date): US 98217737 A 19981221
Patent Details:
Patent No  Kind Lan Pg    Main IPC      Filing Notes
US 6135292      A      7 B07C-005/12


  **Pre-certification measuring system of**  mail  **piece postal discount
  qualifications in post office, sorts**  mail  **piece data and**  mail  **piece
  is pre-certified for qualified postal discounts**

Abstract (Basic):
...            interface (70) enters a set of data indicative of at least one
    postal address and  **mail**  piece thickness is measured by thickness
    gauge (30). A data processor (20) processes  **mail**  piece based on
    address data and measured thickness, to produce  **mail**  piece data. The
    **mail**  piece data are sorted and the  **mail**  piece is pre-certified for
    qualified postal discounts.
...            sets of data. An output unit (80) is coupled to the data
    processor to output  **mail**  piece identifier. The  **mail**  piece data
    includes  **mail**  piece  **classification** , postal  **rate**  guidelines,  **mail**
    piece weight measurement data. The  **mail**  piece identifier is an

address label, container label and report. The **mail** piece thickness
measurement is digital measurement, whose result is automatically
entered in the processor. INDEPENDENT...

...a) **mail** piece qualification pre-certifying method...

...b) **mail** piece pre-qualification system...

...For pre-certification measuring of **mail** piece postal discount
qualifications in post office...
...Relieves official postal facilities of certain **mail** handling tasks and
enables **mail** pieces to qualify for certain postal discounts. Enables
to accurately determine the thickness of **mail** piece, hence reduces
time and cost associated with correcting the problems associated with
postal service work sharing due to inaccurate **mail** piece thickness
measurement...

...The figure shows the block diagram of **mail** piece qualification
pre-certification measuring system...
...Title Terms: **MAIL** ;
...Manual Codes (EPI/S-X): **T05-C05**


 **35/3,K/44** (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013101375 **Image available**
WPI Acc No: 2000-273246/200024
Related WPI Acc No: 1995-180468; 1999-265479; 1999-265532; 1999-373058
XRPX Acc No: N00-204796
 **Electronic shipping scale determining system for weighing** packages **and**
 **displaying relevant postage rates for variety of carriers**
Patent Assignee: ASCOM HASLER MAILING SYSTEMS INC (ASCO-N)
Inventor: CROWE A A; EMMETT J S; ESKANDARI F; JAPENGA R J; LEHMAN J L;
 PALANGE M F; RAHGO G P; SCHWARTZ R G; SIMCIK M E; SWANBERY R; WEIRSMAN W
 A
Number of Countries: 025 Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 991024 | A2 | 20000405 | EP 94307560 | A | 19941014 | 200024 | B |
| | | | EP 99113835 | A | 19941014 | | |

Priority Applications (No Type Date): US 93139898 A 19931014
Patent Details:

| Patent No | Kind Lan Pg | Main IPC | Filing Notes |
|---|---|---|---|
| EP 991024 | A2 E 33 | G07B-017/02 | Div ex application EP 94307560 |
| | | | Div ex patent EP 649119 |

 Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
 LI LT LU LV MC MK NL PT RO SE SI

 **Electronic shipping scale determining system for weighing** packages **and**
 **displaying relevant postage rates for variety of carriers**

Abstract (Basic):
... For **determining** postage **rates** of multiple carriers...
...Title Terms: **PACKAGE** ;
Manual Codes (EPI/S-X): **T05-C05**


 **35/3,K/46** (Item 39 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012452579 **Image available**
WPI Acc No: 1999-258687/199922

EKD January 2, 2004

XRPX Acc No: N99-192866
  Bar-code printing system for classification of  mail  in post office -
  makes use of code conversion program for converting address code
  information read from  mail  into corresponding bar code and prints same
  bar code on  mail
Patent Assignee: TOPPAN MOORE KK (TOPP  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No      Kind   Date      Applicat No     Kind   Date      Week ·
JP 11076950    A    19990323  JP 97234914    A    19970829  199922  B

Priority Applications (No Type Date): JP 97234914 A 19970829
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
JP 11076950   A        3 B07C-003/18

  Bar-code printing system for classification of  mail  in post office...

...makes use of code conversion program for converting address code
  information read from  mail  into corresponding bar code and prints same
  bar code on  mail

...Abstract (Basic): system makes use of a code conversion program which
    converts address code information read from  mail  into corresponding
    bar-code and prints the same on the  mail .
      ...

...USE - For use in classification of  mail  by postal codes in post office
    ...

...ADVANTAGE - The  mail  provided with bar code can be read easily with
    bar code readers and  classified . Reduces installation  cost  thereby
    achieves inexpensive bar code printing system. DESCRIPTION OF
    DRAWING(S) - The figure depicts explanatory
...Title Terms:  MAIL ;
...Manual Codes (EPI/S-X):  T05-K02


 35/3,K/48      (Item 41 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

011722181    **Image available**
WPI Acc No: 1998-139091/199813
XRPX Acc No: N98-110734
  Mail  sorting system for postal service - has registration unit, which
  stores ID number corresponding to address data read out by operator or
  OCR in database
Patent Assignee: TOSHIBA KK (TOKE  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No      Kind   Date      Applicat No     Kind   Date      Week
JP 10015498    A    19980120  JP 96170371    A    19960628  199813  B

Priority Applications (No Type Date): JP 96170371 A 19960628
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
JP 10015498   A       13 B07C-003/18

  Mail  sorting system for postal service...

...Abstract (Basic): object. An ID number generation unit (103) outputs an
    exclusive ID number assigned to the  mail .
      ...

...a second bar-code corresponding to the assigned ID number on the cover

of the **mail** . A registration unit registers the assigned ID number
corresponding to address data read out by...

...ADVANTAGE - Enables sort-out **mail** easily by reading-out barcodes.
Enables automatic and easy transfer of **mail** between sending and
receiving ends. Reduces manual **sorting** thereby reducing labour **cost**

.

Title Terms: **MAIL** ;
...Manual Codes (EPI/S-X): **T05-K02**


 **35/3,K/49** **(Item 42 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

011636495    **Image available**
WPI Acc No: 1998-053403/199806
XRPX Acc No: N98-042192
 **Sorting method for postal items - has automatic address reading system
 combined with video coding method used for address information which
 cannot be evaluated by address reading system**
Patent Assignee: SIEMENS AG (SIEI  ); SIEMENS DEMATIC AG (SIEI  )
Inventor: HAENSEL K; ROSENBAUM W
Number of Countries: 021  Number of Patents: 008
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| DE 19624977 | A1 | 19980102 | DE 1024977 | A | 19960622 | 199806 | B |
| WO 9749503 | A1 | 19971231 | WO 97EP2167 | A | 19970426 | 199807 | |
| CN 1222871 | A | 19990714 | CN 97195717 | A | 19970426 | 199946 | |
| EP 975442 | A1 | 20000202 | EP 97921794 | A | 19970426 | 200011 | |
| | | | WO 97EP2167 | A | 19970426 | | |
| TW 373152 | A | 19991101 | TW 97108512 | A | 19970618 | 200036 | |
| JP 2000512544 | W | 20000926 | WO 97EP2167 | A | 19970426 | 200051 | |
| | | | JP 98502151 | A | 19970426 | | |
| EP 975442 | B1 | 20010919 | EP 97921794 | A | 19970426 | 200155 | |
| | | | WO 97EP2167 | A | 19970426 | | |
| DE 59704697 | G | 20011025 | DE 504697 | A | 19970426 | 200171 | |
| | | | EP 97921794 | A | 19970426 | | |
| | | | WO 97EP2167 | A | 19970426 | | |

Priority Applications (No Type Date): DE 1024977 A 19960622
Patent Details:

| Patent No | Kind Lan Pg | Main IPC | Filing Notes |
|---|---|---|---|
| DE 19624977 | A1    9 | G06K-009/48 | |
| WO 9749503 | A1 G  20 | B07C-003/20 | |

Designated States (National): CN JP US
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
NL PT SE

| | | | |
|---|---|---|---|
| CN 1222871 | A | B07C-003/20 | |
| EP 975442 | A1 G | B07C-003/20 | Based on patent WO 9749503 |

Designated States (Regional): BE DE FR

| | | | |
|---|---|---|---|
| TW 373152 | A | G06K-009/00 | |
| JP 2000512544 | W  21 | B07C-003/18 | Based on patent WO 9749503 |
| EP 975442 | B1 G | B07C-003/20 | Based on patent WO 9749503 |

Designated States (Regional): BE DE FR

| | | | |
|---|---|---|---|
| DE 59704697 | G | B07C-003/20 | Based on patent EP 975442 |
| | | | Based on patent WO 9749503 |

...Abstract (Basic): USE - For automatic **mail** sorting machine...

...ADVANTAGE - High on-line coding **rate** of postal items to be **sorted** ,
with reduced rejection **rate** .

...Manual Codes (EPI/S-X): **T05-K02**

DIALOG(R)File 350:Derwent WPIX

010188107     **Image available**
WPI Acc No: 1995-089360/199512
XRPX Acc No: N95-070633
  Bar-code graphics data insertion and printing system for applying zip
  code to  mail  piece - receives document contg. street address from word
  processor via  data transfer w.r.t. printer interface protocol, and
  generates graphics data for bar-code to be applied .
Patent Assignee: POSTALSOFT INC (POST-N)
Inventor: MIHM T S; SCHMIDT D
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 5387783 | A | 19950207 | US 92876627 | A | 19920430 | 199512 | B |
| | | | US 9356525 | A | 19930430 | | |

Priority Applications (No Type Date): US 9356525 A 19930430; US 92876627 A
  19920430
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| US 5387783 | A | | 22 | G06F-015/20 | CIP of application US 92876627 |

  Bar-code graphics data insertion and printing system for applying zip
  code to  mail  piece...

...Abstract (Basic): USE/ADVANTAGE - Automated mail  handling enabling
   rapid  sorting . Improved speed, accuracy and  cost  effectiveness of
   routing  mail  from source to intended destination. Bar-code graphics
   are easily appended to envelope, mailing sticker...
...Title Terms:  MAIL ;
...Manual Codes (EPI/S-X):  T05-K02

DIALOG(R)File 350:Derwent WPIX

009713891     **Image available**
WPI Acc No: 1993-407444/199351
XRPX Acc No: N93-315373
   Mail  processing system for local and non-local  mail  - sorts and
   conveys non-local  mail  to carrier in sufficient time to be placed on
   next vehicle without waiting for loading
Patent Assignee: PITNEY BOWES INC (PITB  )
Inventor: HUNT W M; OH J H; SANSONE R P
Number of Countries: 005  Number of Patents: 007
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| EP 575109 | A1 | 19931222 | EP 93304545 | A | 19930611 | 199351 | B |
| CA 2097959 | A | 19931219 | CA 2097959 | A | 19930608 | 199410 | |
| US 5446667 | A | 19950829 | US 92900397 | A | 19920618 | 199540 | |
| EP 575109 | B1 | 19970115 | EP 93304545 | A | 19930611 | 199708 | |
| DE 69307402 | E | 19970227 | DE 607402 | A | 19930611 | 199714 | |
| | | | EP 93304545 | A | 19930611 | | |
| CA 2097959 | C | 20010327 | CA 2097959 | A | 19930608 | 200122 | |
| EP 575109 | B2 | 20030102 | EP 93304545 | A | 19930611 | 200310 | |

Priority Applications (No Type Date): US 92900397 A 19920618
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| EP 575109 | A1 | E | 8 | B07C-003/00 | |

   Designated States (Regional): DE FR GB

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| CA 2097959 | A | | | B07C-003/12 | |
| US 5446667 | A | | 7 | G07B-017/00 | |

EP 575109     B1 E  11 B07C-003/00
     Designated States (Regional): DE FR GB
DE 69307402    E        B07C-003/00    Based on patent EP 575109
CA 2097959     C  E     B07C-003/12
EP 575109     B2 E      B07C-003/00
     Designated States (Regional): DE FR GB

     Mail **processing system for local and non-local** mail  - ...

...**sorts and conveys non-local** mail **to carrier in sufficient time to be
  placed on next vehicle without waiting for loading** .

...Abstract (Basic): A mailer (16) sorts **mail** and separates local and
     non-local **mail** , identifies the destination of the non-local **mail**
     and places it' in a tray (20) in accordance with its destination...
...The **mail** destined for each destination is processed in accordance with
     the departure time of a transportation system so that the **mail** will
     be received just-in-time by a common carrier (38...

...The non-local **mail** is then forwarded to the common carrier by the
     mailer and the common carrier delivers the **mail** to a transporter (40)
     destined for a postal distribution centre (44...

...ADVANTAGE - Enables post office to charge mailer without having to
     process non-local **mail** in a local post office...
...Abstract (Equivalent): Apparatus for processing **mail** comprising: (a) a
     processor means (12); (b) means (16) for sorting **mail** and separating
     local **mail** from non-local **mail** ; (c) means (20) for traying the
     non-local **mail** ; and (d) means (30, 33, 36) for delivering **mail**
     trays to a common carrier (38), characterised in that said processor
     means (12) has or contains **mail** lists and time of departure data for
     a transportation system, the apparatus further including means for
     shipping non-local **mail** to the common carrier (38) in accordance with
     the times of departures of the transportation system so as to meet a
     just-in-time sequence for the **mail** .

...Abstract (Equivalent): code, sorting, routing, and time table data, a
     device for determining the routing of the **mail** trays through a
     transportation system, a device for determining the times of departures
     of the transportation system, a device for determining if non local
     **mail** can be processed in time to meet the critical entry time of the
     postal distribution centre of the **mail** destination...

...The system further incorporates a device for **determining** the **cost** of
     shipping the **mail** and paying the cost of transporting the non local
     **mail** to the common carrier and a device for delivering non local **mail**
     to a common carrier in accordance with the times of departures of the
  .  transportation system...

...meet a departure sequence for the common carrier as determined by the
     routing of the **mail** .
     ...

...USE/ADVANTAGE - For preparing **mail** in such way so as to bring faster
     **mail** delivery. Reduced effort of post office
Title Terms:  **MAIL** ;
Manual Codes (EPI/S-X):  **T05-K02**


 35/3,K/61      (Item 54 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009683980    **Image available**
WPI Acc No: 1993-377534/199347
Related WPI Acc No: 1995-365995


                    EKD     January 2, 2004

XRPX Acc No: N93-291475
   **System for processing international priority airmail - separates
   international priority air  mail  into non-presort and pre- sort    rate
   categories established by regulations of United States postal service**
Patent Assignee: JOHNSON & HAYWARD INC (JOHN-N)
Inventor: JOHNSON J C
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No      Kind    Date    Applicat No     Kind    Date      Week
US 5262597      A    19931116  US 92883535      A    19920515  199347  B

Priority Applications (No Type Date): US 92883535 A 19920515
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
US 5262597     A      14  G01G-009/00

... **separates international priority air  mail  into non-presort and pre-
   sort    rate  categories established by regulations of United States
   postal service**

...Abstract (Basic): that break down international priority airmail into
     non-presort and international zones or three pre- **sort    rate**  groups
     ...
...Title Terms:  **MAIL** ;
...Manual Codes (EPI/S-X):  **T05-K02**